

# GRAIN DEALERS' JOURNAL

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Ranlet Co., The D. W., grain and millfeed.  
Ronald, Thos., domestic and export broker.  
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Rang & Co., Henry, grain commission.  
Requa Brothers, grain commission.\*  
Rogers & Bro., H. W., grain and seeds.\*  
Rogers Grain Co., buyers and shippers.  
Rosenbaum Bros., receivers, shippers.\*  
Runsey & Company, grain commission.\*  
Sawyer, A. R., grain commission.\*  
Schiffin & Co., P. H., commission.\*  
Shaffer & Co., J. C., buyers and shippers.\*  
Somers, Jones & Co., grain and field seeds.\*  
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Winans & Co., F. E., grain and seeds.\*  
Wright & Co., John F., grain commission.

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## Directory of the Grain Trade

\*Member Grain Dealers National Association.

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Frankie Grain Co., grain and feed.\*  
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Minneapolis Seed Co., field seeds.\*  
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Tyng, Hall & Co., grain commission.\*

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Foster, C. A., grain, hay, feed.\*  
Geldel & Dickson, grain and hay.  
Herb Bros. & Martin, grain, hay, feed.  
McCaffreys' Sons Co., Daniel, grain, hay.\*  
McCague, R. S., grain, hay.\*  
Morton Grain & Hay Co., grain, hay, feed.  
Smith & Co., J. W., grain, hay, feed.  
Walton, Sam'l., grain and hay.

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Connor Bros. Co., grain.\*  
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Gill & Co., F. D., receivers and shippers.  
Goffe & Carkener Co., grain commission.\*  
Green Commission Co., W. L., grain.\*  
Kolp, E. R. & D. C., grain and seed dealers.  
Kennedy Grain Co., receivers, shippers.  
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DeVore & Co., H. W., grain and seeds.  
Goemann Grain Co., grain buyers.\*  
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Morehouse & Co., W. H., grain and seeds.  
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Empire Grain Co., wholesale grain.  
Heenan & Co., David, grain commission.  
Kolp, E. R. & D. C., grain and seed dealers.  
Norris Grain Company, commission, recvrs., shprs.  
Probst Grain Commission Co., H. F., receivers.  
Thompson Grain Co., H. C., grain and millfeeds.  
Tri-State Grain Co., country run mlg. wheat.\*  
Western Grain Co., The, wholesale grain, seeds.  
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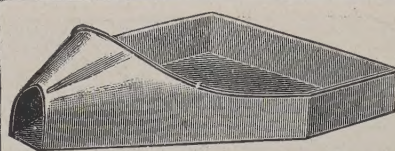
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## MILWAUKEE CHAMBER OF COMMERCE MEMBERS

### Grain Dealers

It is no speculation to ship us your grain. It's a sure thing you will be satisfied.

**L. BARTLETT & SON CO.**  
Milwaukee Chamber of Commerce

CHICAGO MINNEAPOLIS  
**J. V. LAUER & CO.**  
GRAIN COMMISSION  
BARLEY A SPECIALTY  
Ship us your next car Chamber of Commerce  
MILWAUKEE, WIS.

### Consign your Grain to MERENESS & GIFFORD

COMMISSION MERCHANTS  
Milwaukee, Wis.  
and you will be well pleased with results.

## Clark's Car Load Grain Tables

SEVENTH EDITION. REVISED AND ENLARGED

With these tables you can quickly check up all reductions and detect and prevent errors, which in the car lot business are liable to run into the hundreds of bushels.

Largest and most complete car load reduction table ever published. Five new tables have been added and a set of tables for Malt is included in this new edition. RANGE—Oats and Cotton Seed (32 lbs.), 7 tables, from 20,000 to 97,000 lbs. Malt (34 lbs.), 5 tables, from 20,000 to 75,000 lbs. Barley, Buckwheat and Hungarian Grass Seed (4\* lbs.), 7 tables, from 20,000 to 97,000 lbs. Corn, Rye and Flax Seed (56 lbs.), 9 tables from 20,000 to 118,000 lbs. Wheat, Clover, Peas and Potatoes (60 lbs.), 9 tables, from 20,000 to 118,000 lbs. The number of bushels in any weight of grain within the numbers specified above are given in bold face type, the remaining pounds in light face type. Pounds are printed in red and bushels in black.

PAPER—These tables are printed on durable heavy linen ledger paper and bound in leather covers with marginal index.

Price, delivered, \$2.50

GRAIN DEALERS JOURNAL

255 La Salle Street,

Chicago, Illinois

SHIP US YOUR GRAIN  
**I. H. LOWRY & CO.**  
Established 1864  
Grain Commission Merchants  
MILWAUKEE, WIS.

### Your Opportunity

is here. Now is the time to let the elevator man know you want his business. Advertise in the

**Grain Dealers Journal**

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We want your business

**W. W. DEWEY & SONS**  
COMMISSION MERCHANTS

28 Chamber of Commerce, Peoria, Ill.

### BUCKLEY, PURSLEY & CO.

Commission Merchants  
**GRAIN AND SEEDS**  
PEORIA, ILLS.

### Grain Shippers

and in fact all grain men who are wide awake and on the alert to get onto all the ins and outs of the grain business, subscribe for and read the Grain Dealers Journal.

# DO IT NOW

Place your name and business before the progressive grain elevator men of the entire country by advertising in the Grain Dealers Journal. It reaches them twice each month.



## CAIRO BOARD OF TRADE MEMBERS

**Halliday Elevator Co.**  
WHEAT, CORN and OATS  
CAIRO, ILL.

Elevator Capacity 500,000 Bushels

**REDMAN, MAGEE & CO.**  
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Delta Elevator CAIRO, ILL.

**CHAS. CUNNINGHAM**  
**GRAIN**

17th and M. O. R. R. CAIRO, ILL.

## VEST POCKET GRAIN TABLES

Clark's Vest Pocket Grain Tables reduce pounds to bushels on any number of pounds from 10 to 100,000. It is printed on ledger paper in two colors, red and black. The red figures show the pounds and the black the bushels and pounds.

The tables show the following reductions: Oats at 32 lbs.; Corn, Rye and Flaxseed at 56 lbs.; Wheat Clover Seed, Beans, Peas and Potatoes at 60 lbs.; Barley and Hungarian Seed at 48 lbs.; Ear Corn at 70 lbs.; Ear Corn at 75 lbs.; Ear Corn at 80 lbs.; Timothy Seed at 45 lbs.

These tables are bound in heavy manila and form a thin book 2½-in wide by 8½-in long. Price 50 Cts. Address  
**GRAIN DEALERS JOURNAL, 255 La Salle Street, CHICAGO, ILL.**

**Pink & Company**

General  
Commission Merchants  
CAIRO, ILLINOIS

## TOLEDO PRODUCE EXCHANGE MEMBERS

Established 1877  
**W. A. RUNDELL & CO.**  
GRAIN AND SEED MERCHANTS

We buy delivered Toledo or f. o. b. your station. Personal attention to consignments and trades in "futures."

TOLEDO, OHIO

**National Milling Co.**  
TOLEDO, OHIO

DAILY FLOUR CAPACITY 4,000 BBLs.  
ELEVATOR CAPACITY 1,500,000 BU.

Always in the market for milling wheat; ask for our daily bids.

**C. A. King & Co.**

Going some 1910. Started 1846.  
C. A. King joined angels 1893. Frank I. King still among the wicked. Our boy Solomon christened in 1892. Our little King joined gang in 1908. Our office force contains some veterans and more young colts. Our capital is not all wind. Send us your Chicago and Toledo orders for grain, clover seed and provisions. Get wise! Read our Specials. Be friendly. Write occasionally.

**The Toledo Salvage Co.**

Buyers of  
OFF GRADES and  
SALVAGE GRAIN

Toledo, - - Ohio

**JOHN WICKENHISER & CO.**  
Buyers and Shippers of GRAIN

We buy F. O. B. your station for direct shipment to interior points.

Personal attention to consignments.

Toledo, Ohio

**CONSIGNMENTS**

of wheat, corn, oats and seeds will receive personal attention. We gladly wire what we can get, before selling. Good quick service assured on orders for futures—any market.

**J. F. Zahm & Co.**  
Fred Mayer Fred Jaeger  
Toledo, Ohio

**GRAIN & SEED  
IS OUR BUSINESS**

And we make a specialty of everything we handle. You will find it so by sending your business to  
**SOUTHWORTH & CO.**

36 & 37 Produce Exchange, TOLEDO

**W. H. MOREHOUSE & CO.**  
GRAIN AND SEED  
COMMISSION MERCHANTS

Clover, Alsike, Timothy, Hungarian, Redtop, Blue Grass, Seed Corn, Etc.

321 to 329 Erie St. Toledo, Ohio

**MILWAUKEE BAGS**

New and second hand hurlap and cotton seamless bags—all sizes—for grain, feed, seed, produce, etc. Milwaukee bags are good quality and made right. All second-hand bags are assorted in uniform sizes and compressed in bales.

MILWAUKEE BAG CO., Milwaukee, Wis.



**The Value**

of an "ad" is not measured by what it costs but by what it pays the advertiser.

## Grain Receiving Ledger

A book designed for use by Grain Buyers who keep individual accounts with farmer patrons. Is ruled for facts regarding wagon loads received. Its column headings being: Date, Article, Gross, Tare, Net, Bushels and Pounds, Price, Debit, Credit and Remarks.

Each of its 204 pages of linen ledger paper, size, 8½x13½ inches, is ruled for 42 wagon loads and numbered. Each page may be used for one or more accounts as desired. A marginal index is bound in front. Bound in cloth with leather back and corners. Order Form 43.

PRICE, \$2.25

**GRAIN DEALERS JOURNAL**

255 La Salle St., Chicago, Ill.

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Our pens are located in the center of the Yards. A member of the firm is always at the head of both the cattle and hog departments. Our financial standing is unquestioned. We will be pleased to furnish market reports by wire or letter. To get personal attention

Consign Your LIVE STOCK to

**Benedict, Murray & McDowell**

U. S. Yards, CHICAGO



# RECEIVERS, SHIPPERS AND BROKERS.

Established 1876.  
**MILLER & COMPANY**  
HAY, GRAIN AND COMMISSION  
Nashville, Tenn.  
CONSIGNMENTS SOLICITED

**GRABBS REYNOLDS  
TAYLOR CO.**  
GRAIN AND CLOVER SEED  
CRAWFORDSVILLE . INDIANA

**E. A. GRUBBS GRAIN CO.**  
Greenville, Ohio  
Wants Correspondence with members of the  
Grain Dealers National in Ohio, Indiana and  
Illinois. We want strictly sound winter wheat,  
yellow shelled corn and re-cleaned white oats.

**SHIPPERS**  
of CORN AND OATS  
McCRAI, MORRISON & CO.  
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## THE CENTURY

*A monthly magazine containing the BEST literature, the BEST pictures, the BEST articles of travel, exploration, science, etc. It has been for forty years THE LEADING AMERICAN MAGAZINE.*

### IN 1910

It will have a fine serial novel by the popular author of "The Divine Fire," while Edith Wharton and scores of the greatest short-story writers will contribute.

It will have a series of articles on THE HOLY LAND by Robert Hichens, superbly illustrated in color by Jules Guérin. And it will have other color pictures by the leading artists of the world.

It will have the Memoirs of Madame Modjeska, and articles on tramping around the world.

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It will have,—but space will not permit a full enumeration. Try it in 1910 and you will be satisfied.

\$4.00 A YEAR  
The Century Co.,  
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Brokers and Manufacturers Agents  
Grain and Grain Products  
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KANSAS WHEAT  
THE S. R. WASHER GRAIN CO.  
ATCHISON KANSAS  
Receivers and Shippers  
of all Kinds of Grain  
WRITE US

**EDWARD P. MERRILL**  
GRAIN BROKER  
PORTLAND - MAINE  
Wanted, a Good Corn Account

McLane, Swift & Co.  
Buyers of Wheat, Corn, Natural and  
Clipped Oats, Choice Rye. Write for  
bids. Consignments solicited. Ele-  
vator located on M. C. & Grd. Trunk.  
BATTLE CREEK, :: MICHIGAN

**HARRISBURG FEED & GRAIN COMPANY**  
ORGANIZED 1901  
JAMES W. BARKER, Manager  
HARRISBURG, PENNSYLVANIA  
— GRAIN—FEED—HAY—STRAW —  
Car Lots Only  
Our manager has been buying grain in Pennsylvania  
since 1885

**THE UNION ELEVATOR CO.**  
Buyers and Shippers of  
Corn, Oats, Wheat, Hay & Straw  
CLEVELAND, OHIO  
41% protein, cotton seed meal, car lots and ton lots.

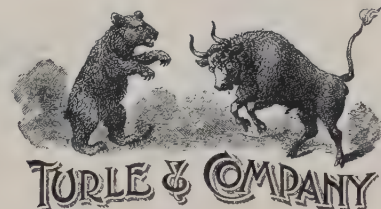
**TO BUY  
SELL  
RENT or  
LEASE an  
ELEVATOR**  
Place an ad. in the "Wanted" or "For Sale" col-  
umns of the GRAIN DEALERS JOURNAL of  
Chicago. It will bring you quick returns, yet cost  
you only 15 cents per line. Try it.

**A. F. LEONHARDT & CO.**  
GRAIN AND HAY  
NEW ORLEANS, LA.

**W. A. THOMSON & CO.**  
CORN, OATS and RYE  
LOUISVILLE, KENTUCKY  
LET US HEAR FROM YOU

WE HANDLE all kinds of grain and  
feed; also make a  
specialty of off grade and sample wheat,  
feed barley, kaffir corn, etc.  
Correspond with us. Think it will pay you.  
**THE D. W. RANLET CO.**  
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**BONACKER BROTHERS**  
Brokers and Manufacturers Agents  
Grain, Hay, Flour  
and Millfeed  
PENSACOLA, FLA. and TAMPA, FLA.



**CAR LOTS**  
of all kinds of grain  
IN and OUT of  
DULUTH or  
MINNEAPOLIS

## GRAIN SHIPPERS

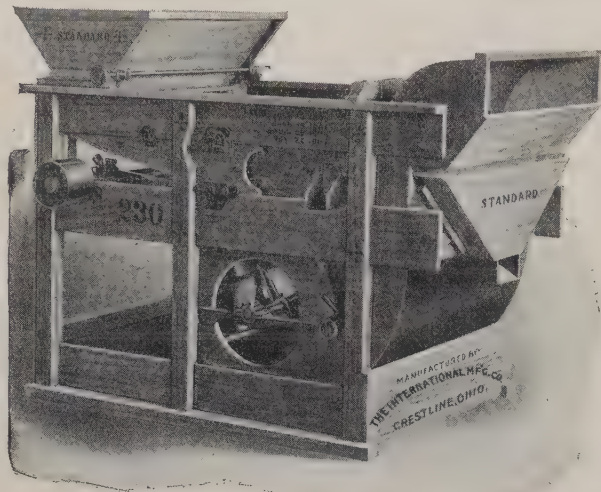
who have suffered loss through  
error of railroad agents in quot-  
ing freight rate or in routing  
freight can learn something to  
their advantage by giving clear  
statement of the facts in their  
case to

**JOHN B. DAISH**  
Hibbs Building WASHINGTON, D. C.



## The Standard Cleaner No. 230

Capacity—Solidity—Even Blast Standard  
Regulators—Automatic Vibrators



This machine is fully equipped as per above specifications with all of our exclusive patented devices.

For cleaning grain, seeds or beans it has no superior.

We guarantee each machine and will ship on thirty days' free trial, if desired. Write us

**INTERNATIONAL MFG. CO., Crestline, O.**

## Do Not Wait

until your elevator is full of hot  
or damp grain before ordering a

## HESS IDEAL DRIER

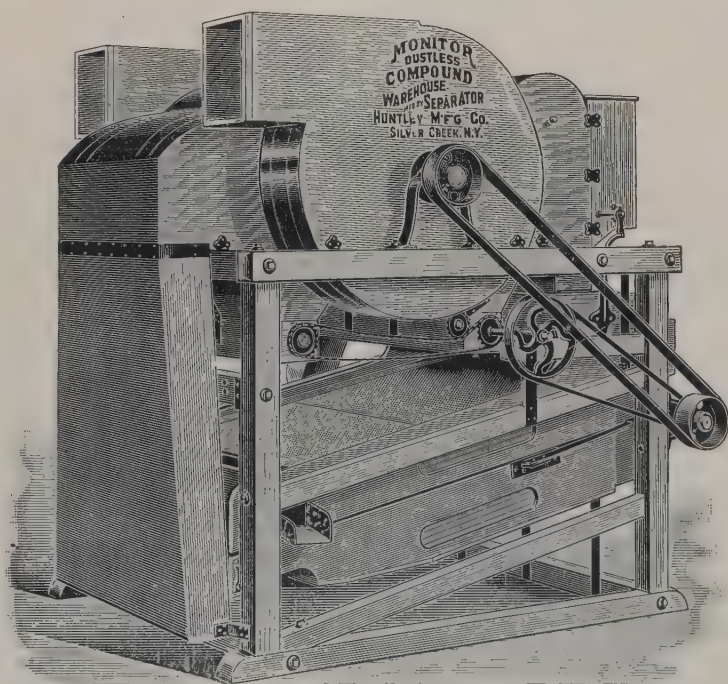
which is designed especially to meet the needs of country elevator men. It will not be safe for you to buy wet or immature grain, unless you have a drier of known merit, one you can depend upon drying any grain as is wanted. Let us send you the essential facts and you will give one of our driers a chance to pay for itself.

Write to-day.

**Hess Warming & Ventilating Co.**  
**907 Tacoma Bldg., Chicago, Ill.**

**Ask us about the Hess U. S.**  
**MOISTURE TESTER.**

## Facts About Grain Cleaners



THE MONITOR COMPOUND WAREHOUSE AND ELEVATOR SEPARATOR

REVEAL THESE THINGS—

THAT BOTH THE  
**AIR and SIEVE WORK**  
must be perfect.

THAT  
**EASE OF REGULATION**  
is a necessity.

THAT  
**SENSITIVE CONTROL**  
of every part must be under the operator's command.

THAT  
**THE WORLD'S LARGEST**  
handlers of grain—say that there is one make of cleaner that embodies all these necessary features—that machine is

## The Monitor

**HUNTLEY MFG. CO., Silver Creek, N. Y.**



## GRAIN ELEVATOR BUILDERS

### B. J. CARRICO

Designer and Builder of  
Flour Mills and Grain Elevators  
Hoxie Bldg., FORT WORTH, TEX.

Before Letting Your Contract for  
Grain Elevators, Mills or Warehouses

Get in communication with  
PEERLESS CONSTRUCTION CO.  
Successors to G. F. McCURLEY  
Their prices are right. WICHITA, KANSAS

### Oliver Construction Co.

Designers and Builders of  
**GRAIN ELEVATORS**  
Homer, - - Illinois

### J. A. HORN

DESIGNER AND BUILDER  
Grain Elevators a Specialty  
OKLAHOMA CITY, OKLA.

### L. T. STROMSWOLD & CO. ELEVATOR CONTRACTORS

We design and build grain elevators throughout the Northwest.  
Write us for Plans and Specifications.  
MINOT, : NORTH DAKOTA

### L. BUEGE

THE GRAIN ELEVATOR BUILDER

Who Builds Right Kind  
of Elevators at the  
Right Kind of Price

224 Boston Block  
MINNEAPOLIS :: MINN.

C. O. KELTY

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### KELTY & WEYHING

Engineers and Erectors  
ELEVATORS, MILLS  
11 N. Harrah Street  
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### We Build

the most economical, the  
most satisfactory

### Concrete Storage Elevator

in this country. Get our  
figures and more information.

Finton Grain Elevator  
Construction Company  
Appleton, Wis.

### V. E. FORREST CO.

### ELEVATOR BUILDERS

TYNDALL, SO. DAKOTA

Successors to C. M. Forrest & Co.



### M. J. Travis & Co.

Builders of Grain  
Elevators in Wood and  
Reinforced Concrete  
KANSAS CITY, MO.

### G. H. Birchard CONTRACTOR OF Grain Elevators.

Especially Designed for Economy  
of Operation and Maintenance  
LINCOLN, NEB.

### E. J. KAYS CONSTRUCTION CO.

Designer and Builder of  
Grain Elevators and Mills  
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### ELEVATORS

It is unwise to build until you have consulted practical builders. We have built some of the most modern plants in the country. Write us for free particulars.

THE SECKNER CO.  
263 La Salle Street CHICAGO, ILL.

### RELIANCE CONSTRUCTION COMPANY

ENGINEERS AND CONTRACTORS OF

### GRAIN ELEVATORS

625 Board of Trade Indianapolis, Ind.

### REDUCE YOUR EXPENSE

bill, by having an Elevator that does the work. I build and remodel grain Elevators. Write for plans and prices.

R. M. VAN NESS, Fairbury, Neb.

### WELL! WELL! WELL!

What about that modern Elevator.  
Let your contract to

W. H. CRAMER, St. Paul, Neb.

and you are sure to get a modern Elevator.  
Best of references.

## 4 THINGS

the advertiser considers before an advertisement is placed:

### CIRCULATION QUALITY INFLUENCE RATES

The GRAIN DEALERS JOURNAL guarantees its CIRCULATION; boasts of the QUALITY of its circulation; has succeeded because of its INFLUENCE, and pays advertisers because its RATES are reasonable.

### Modern Elevator Plans

We can furnish plans and estimates for grain elevators showing all practical modern methods of handling. Over 200 of our houses in operation now.

WRITE US.

CRAMER CONSTRUCTION CO., 1110 Farnam St., OMAHA, NEBR.

A. E. HONSTAIN, PRES.

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### HONSTAIN BROS. CO.

(INCORPORATED)

Contractors and Builders of  
Grain Elevators, Flour Mills, Warehouses, Etc.  
Plans and Specifications Furnished  
Repairing Done

306 Corn Exchange.

Minneapolis, Minn.



## GRAIN ELEVATOR BUILDERS

Better have  
**YOUNGLOVE**  
build your  
**ELEVATOR**

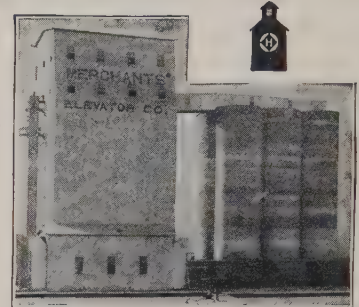
than to wish you had.

**Younglove Construction Co.**

219 Grain Exchange

SIOUX CITY, IOWA

Grain Elevators  
Storage Tanks  
Ware Houses  
in  
Wood or  
**FIREPROOF**  
Materials  
Plans, Specifications,  
Estimates



We design and erect the structural work and mechanical equipment of Grain Handling or Storage Plants from a country receiving station to a cleaning or transfer house.

**L. O. HICKOK & SON**  
Engineers & Contractors

320 Flour Exchange

MINNEAPOLIS, MINN.

**OLSON BROTHERS & CO.**  
ENGINEERS AND CONTRACTORS

Grain Elevators, Flour Mills and Complete Plants for  
Handling Coal, Sand, Gravel, Ores, Ashes, Etc.

Phone Humboldt 2373

2418-22 Bloomingdale Ave.

CHICAGO, ILL.

**Steel Grain Tanks**

We are pioneers in this line and are building tanks in the good old fashioned way. Joints caulked, and guaranteed water, weather and bug proof. Long experience has demonstrated the necessity of high grade workmanship to make steel storage a success, we do it.

**WM. GRAVER TANK WORKS,** East Chicago, Ind.

**The P. H. Pelkey Construction Co.**  
WICHITA, KAN.

are Builders, Designers and Engineers for  
Grain Elevators, Mills, Warehouses, Etc.

None too large and none too small for us.  
We go anywhere in the United States.

Manufacturer's Agents for all kinds of  
MILL and ELEVATOR MACHINERY.

Let us figure with you if you are going to build a first-class elevator. We are always in a position to give you very prompt service. *Write us if Interested.*

**GRAIN ELEVATORS**

Should be built to hold all the grain put into them. Economical in operation. Equipped to do a large amount of work with a small amount of power.

**WANT ONE?**

Then write

**T. E. IBBERSON**

DESIGNER AND BUILDER

**MINNEAPOLIS, MINNESOTA.**

**W. N. CLAUS CO.**

Contractors and Builders of  
Grain Elevators and Flour Mills

The three main things to be considered when building an elevator are: Prompt service, first-class job in every respect, and at prices that are right. You take no chances when dealing with us, as we guarantee our work.

Motto: Once a customer, always a customer.  
Plans, specifications and estimates furnished.

401 Commercial Block, Mason City, Iowa

**KAUCHER, HODGES & CO.**

DESIGNERS AND BUILDERS

206 Royal Building, MEMPHIS, TENN.

ALFALFA FEED MIXING PLANTS  
Machinery Equipments Furnished Complete

GRAIN ELEVATORS  
WAREHOUSES

CONCRETE CONSTRUCTION

**ELEVATORS WANTED**

To get in direct communication with would-be buyers of grain elevators reply to ads in the "Elevators Wanted" columns of the GRAIN DEALERS JOURNAL.



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### Macdonald Engineering Co.

DESIGNERS AND BUILDERS OF  
GRAIN ELEVATORS

Monadnock Bldg., CHICAGO, ILL.

### GRAIN ELEVATOR.

Designing and Construction  
Made a Specialty

Witherspoon-Englar Co. Monadnock Bldg.  
CHICAGO

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ELEVATOR BUILDERS

623 THE TEMPLE

Plans and Specifications  
a Specialty.

CHICAGO

### FRED FRIEDLINE & CO.

Elevator Engineers

253-261 La Salle St.,

Plans and Specifications  
Machinery and Contracting. CHICAGO

### Grain Storage Construction Company

Designers and Builders of

STEEL, GRAIN AND COAL ELEVATORS

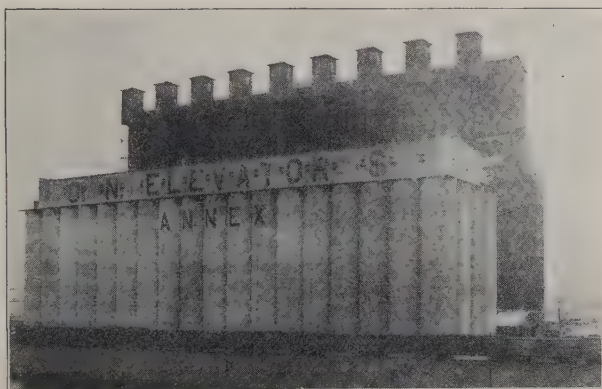
Mutual Life Bldg., Buffalo, N. Y.

### INVESTIGATE THE COST FIREPROOF ELEVATORS

WRITE US TO-DAY

MONARCH ENGINEERING CO.

Chamber of Commerce, Buffalo, N. Y.



### GREAT NORTHERN RY. CO.

ELEVATOR "S" ANNEX, SUPERIOR, WIS.

2,250,000 Bushels Capacity

Reinforced Concrete

Built Complete in 120 Days by

The Barnett & Record Company

Minneapolis, Minn.

CONTRACTORS AND ENGINEERS

### JAMES STEWART & CO.

CONTRACTORS

Designers and  
Builders of

GRAIN ELEVATORS

In All Parts  
of the World



Extensive additions to the Washburn-Crosby Co.'s plant, Buffalo, N. Y., consisting of 6,000 Barrel Flour Mill, Million Bushel Concrete Grain Storage and 600 Foot Dock.

This is another case where preference was given concrete over tile construction. (Note tile storage tanks in the rear).

GRAIN ELEVATOR DEPARTMENT, 1811 Fisher Building., Chicago

W. R. SINKS, Manager

R. H. FOLWELL, Engineer

We also do General Contracting and have Offices in the following cities.

Write or call on any of them.

New York, Hudson Terminal Bldg.  
Pittsburg, Pa., Westinghouse Bldg.  
San Francisco, Cal., 709 Mission St.  
Canadian Stewart Co., Ltd., Montreal,  
Fort William, Ontario, Canada

St. Louis, Mo., Bank of Commerce Bldg.  
New Orleans, La., Hibernia Bank Bldg.  
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### BURRELL

Engineering & Construction Co.



Designers and Builders of

Modern Grain Elevators

Concrete or Wood

Transmission Experts

1140 Stock Exchange

CHICAGO, ILL.

### Grain Receiving Register

This book is designed to facilitate the work of the country grain man in keeping a record of wagon loads of grain received.

At top of the 11 columns are printed Date, Name, Kind of Grain, Gross, Tare, Net, Bushels, Pounds, Price, Amount, and Remarks.

Each book has 100 pages, 8½ x 14 inches, and each page 40 lines, making each book contain spaces for records of 4,000 loads. The book is well printed and ruled on linen ledger paper, and substantially bound in extra heavy canvas covers. Order Form 12AA. Price \$1.50.

GRAIN DEALERS JOURNAL, 255 LaSalle St., Chicago, Ill.





# "EUREKA"

## Patented Grain Dryer, Cooler and Conditioners



### READ WHAT A USER SAYS:

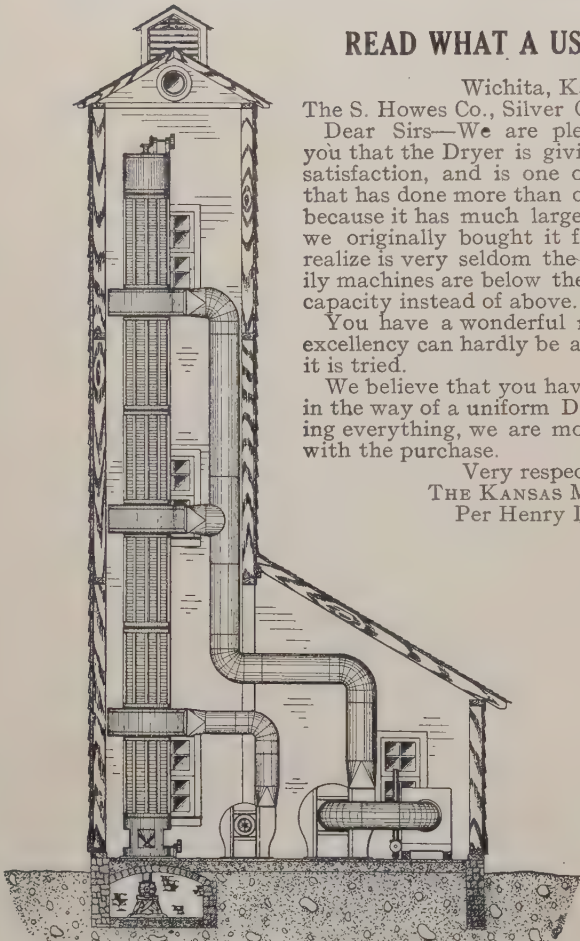
Wichita, Kans., Sept. 15.  
The S. Howes Co., Silver Creek, N. Y.

Dear Sirs—We are pleased to inform you that the Dryer is giving us excellent satisfaction, and is one of the machines that has done more than our expectation, because it has much larger capacity than we originally bought it for, and this we realize is very seldom the case. Ordinarily machines are below the rating of their capacity instead of above.

You have a wonderful machine and its excellency can hardly be appreciated until it is tried.

We believe that you have no competitor in the way of a uniform Dryer. Considering everything, we are more than pleased with the purchase.

Very respectfully,  
THE KANSAS MILLING CO.,  
Per Henry Lassen, Pres't.

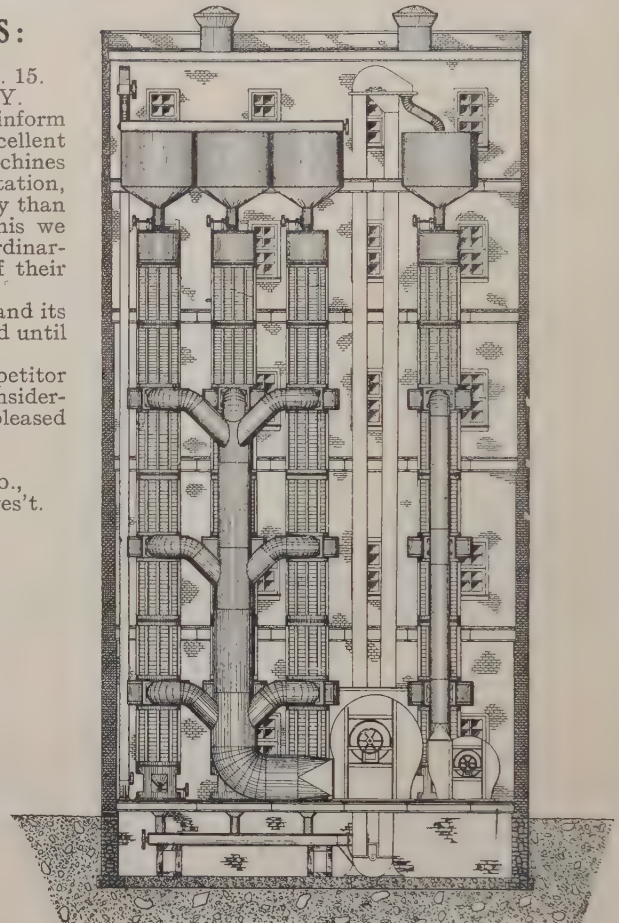


### "EUREKA" PATENTED GRAIN DRYING COOLING AND CONDITIONING SYSTEM

Capacity 1,500 to 2,000 Bushels Wet Corn per day, (of ten hours.)

Complete with Hot and Cold Air Fans, Heater, Steam Trap, and Air Piping.

Automatic and Continuous in operation as Dryer and Cooler.



### "EUREKA" PATENTED GRAIN DRYING COOLING AND CONDITIONING SYSTEM

Capacity, 5,000 to 10,000 Bushels per day, (ten hours.)

Complete with Hot and Cold Air Fans, Heater, Steam Trap and Air Piping.

Automatic and Continuous in operation as Dryer and Cooler.

Three Columns used for Drying; one Column for Cooling.

The user of the above system says: The Howes Dryer is the best on the market, gives entire satisfaction, and will do all that The Howes Company claim for it.

SOLE MANUFACTURERS

# THE S. HOWES CO.

Originators of the Highest Grade of Grain Cleaning Machinery

"Eureka Works:" Silver Creek, N. Y.

### REPRESENTATIVES:

E. R. WATSON, 223 E. Kentucky St., Louisville, Ky.

WM. WATSON, P. O. Box No. 740, Chicago, Ill.

E. A. PYNCH, 311 Third Ave., South, Minneapolis, Minn.

J. Q. SMYTHE, Hotel Savoy, Kansas City, Mo.

W. M. MENTZ, Green's Hotel, Philadelphia, Pa.

UNION ENGINEERING CO., 1616 Columbus Road, Cleveland, Ohio





## Crib Your Corn

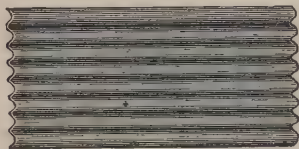
By using Beale's patent Corn Crib Ventilators, you can save it from spoiling.

Can you dealers expect any better chance to make money than to buy corn now and get carrying charges between cash and futures?

Ten Dollars will pay royalty for any one station. First cost of Ventilators is less than one-third cent a bushel, and will last for years.

Send \$10.00 to N. S. Beale, Tama, Iowa. It will be the best investment you ever made.

**We are Large Manufacturers of Steel Roofing, Corrugated Iron, etc.**



We furnish this material in large quantities for grain elevators all over the country. We also take contracts for doing this work complete.

**Sykes Steel Roofing Co.,**  
CHICAGO, ILL.

## Perforated Sheet Metal

We have a first class up-to-date plant for the manufacture of perforated metal, and can fill orders promptly. Our prices are right, and we furnish goods which we guarantee to be the best. A screen that lays flat and fits the frame not only does better work but increases capacity. We know how to make them. Prompt shipment is our rule.

**The Strong-Scott Mfg. Co.**  
Minneapolis, Minn.

Northwestern Agents for  
**Richardson Automatic Scales**  
**Invincible Cleaners**  
**Knickerbocker Dust Collectors**

## YOU'LL NOT REGRET IT



Equip your house with one of our  
**IMPROVED NEW ERA PASSENGER ELEVATORS**

Many Exclusive Features  
It will surprise you to learn the small cost.

At our factory where these good little machines are made, Hand Elevators, Dumb Waiters and Freight Elevators are also made by the scores.

We can please you.

Write for descriptive matter.  
**SIDNEY ELEVATOR MFG. CO.**  
SIDNEY, OHIO

## CYCLONE BLOW PIPE CO.

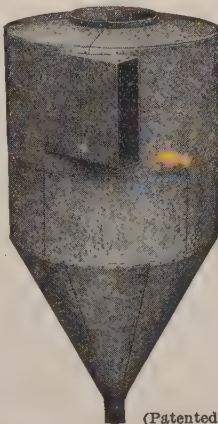
IMPROVED

Cyclone Dust Collectors, Automatic Furnace Feeders, Steel Plate Exhaust Fans, Exhaust and Blow Piping.

Complete systems designed, manufactured, installed and guaranteed. Old systems remodeled on modern lines on most economical plans. Supplementary systems added where present systems are outgrown. Defective systems corrected and put in proper working order.

High and Low Speed Systems.

541-553  
West Jackson Boul.  
CHICAGO, ILL.



(Patented)

# \$50.00

is the minimum cost of maintaining one horse-power for one year.



The

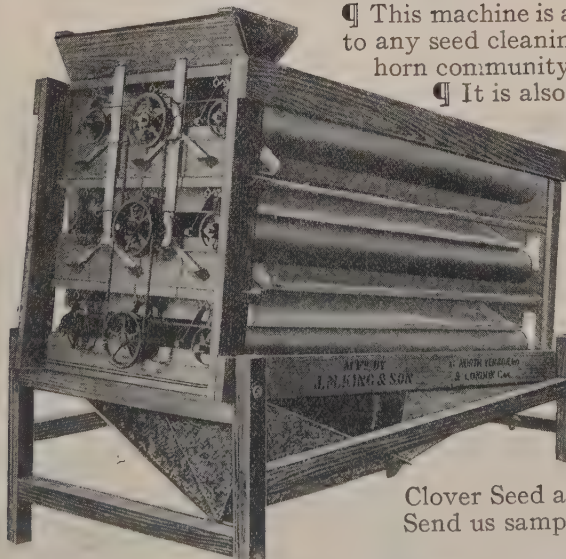
## "1905" CYCLONE

Destroys back pressure, Saves one-half the power.

Manufactured Exclusively by

**The Knickerbocker Co.**  
Jackson, Mich.

## THE KING BUCKHORN MACHINE



¶ This machine is a very valuable addition to any seed cleaning equipment in a Buckhorn community.

¶ It is also of equal value to the farmers and land owners of this same community.

¶ Write for our booklet which gives full detailed description and prices of machines. We will be glad to send it at once.

¶ We are always willing to answer questions.

¶ We are in the market for low grades of

Clover Seed and Clover Seed Tailings. Send us samples.

**J. M. KING & SON, North Vernon, Ind.**

## VEST POCKET GRAIN TABLES

Clark's Vest Pocket Grain Tables reduce pounds to bushels on any number of pounds from 10 to 100 000. It is printed on ledger paper in two colors, red and black. The red figures show the pounds and the black the bushels and pounds.

The tables show the following reductions: Oats at 32 lbs.; Corn, Rye and Flaxseed at 56 lbs.; Wheat, Clover Seed, Beans, Peas and Potatoes at 60 lbs.; Barley and Hungarian Seed at 48 lbs.; Ear Corn at 70 lbs.; Ear Corn at 75 lbs.; Ear Corn at 80 lbs.; Timothy Seed at 45 lbs.

These tables are bound in heavy manila and form a thin book 2½-in. wide by 8½-in. long. Price 50 Cts. Address

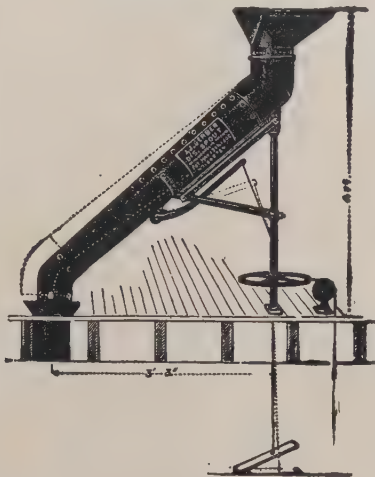
**GRAIN DEALERS JOURNAL, 255 La Salle Street, CHICAGO, ILLINOIS**



## GOOD EQUIPMENT

is the cheapest—it will give satisfaction at all times, and can be depended upon when wanted most.

The Gerber Improved Distributing Spouts are made by skilled workmen, from the best of material. They have a reputation to sustain and must be right. Our largest customers are the ones who have bought from us for years. They know if GERBER ships it it is right.



I make a Specialty of Elevator and Mill Spouting Write for Particulars

**J. J. GERBER,** MINNEAPOLIS, MINN.

## Grain Shipping Ledger FORM 24

An indexed shipping ledger for keeping a perfect record of the shipments of 5,000 cars. A page is given to each firm to whom you ship and name indexed. The pages are 10½x15½ inches, used double.

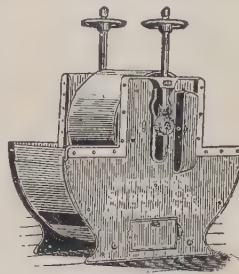
Across top of left hand page is printed "Shipments To....." the column headings on this page are: Date Shipped; No.; Car Initial; Car No.; Kind of Grain; Grade; Bushels or Weight; Price; Amt of Draft; Remarks. The right hand page is ruled with column headings as follows: Date Returned; No. Bushels Returned; Grade; Date Sold; Price; Freight Paid; Other Charges; Total Charges; Over Charges; Net Proceeds; Balance. Above the date column on each page are the figures "190." In the column headed "No." on each page is a column of figures running consecutively from 1 to 50, thus numbering the lines on each page for quickly following record across the double pages.

The book contains 100 double pages. The best linen ledger paper is used. The regular ledger index in front will accommodate all names necessary. The book is tight bound in heavy cloth covers with leather back and corners. Price, \$2.50.

## GRAIN DEALERS JOURNAL

255 La Salle Street, Chicago, Illinois

## Cast Iron Elevator Boots.



Clean out door upon each side. Equipped with iron pulleys and take ups having ample bearing surfaces.

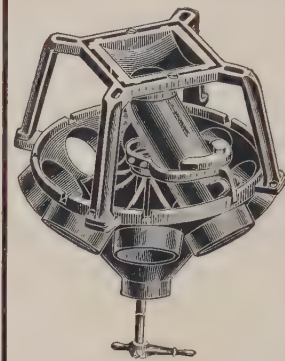
**Heavy and substantial, no better made.**

Size cups	Net price	Size cups	Net price
8x5 -	\$13.50	11x6 or 7 -	\$19.50
9x5 -	15.00	12x6 or 7 -	22.50
10x5 1-2 -	16.50		

Other sizes at proportionate prices. Send for our NET PRICE catalog containing a full line of elevator machinery and supplies.

**AMERICAN SUPPLY CO.**  
1110 Farnam St., Omaha, Neb.

## Hall Signaling Distributor



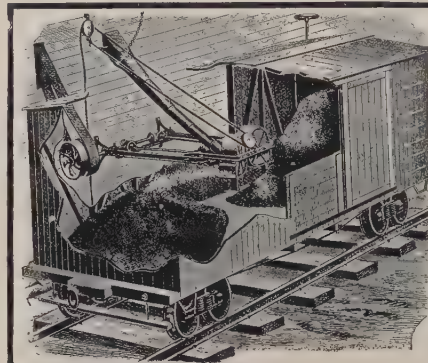
This simple, unique device with only two moving parts has saved its various owners in ten years

**Over a Million Dollars**

Each is as good today as when bought, and will be for future generations.

It's an Economic Gem.

**HALL DISTRIBUTOR CO.**  
222 Ramage Bldg. Omaha, Nebr.



## LOAD ALL KINDS OF GRAIN

Elevator men who use gravity loading often wonder at the low grading at destination. The reason is that by gravity the light grain falls near the car door.

Actual tests have demonstrated a difference in bushel from this cause of from 2 to 3 pounds per weight. But this is overcome with a

## CHAMPION CAR LOADER

The mechanism of this machine is such that the grain going into the casing all together, the light with the heavy, is forced by the rotary to the extreme end of the car. This is an important factor in proper loading and the only way to get a fair grade at destination.

The Champion has other advantages. Write us for full particulars.

**E. BAUDER,** - Sterling, Ill.

## WHEN CARS ARE SCARCE



\$2.25, which he said are the first he has had to order. Although they are seldom required, we carry all repairs in stock, and when necessary can have them at either of the three express offices here within 30 minutes after we receive the order. We send these loaders on trial when desired.

**MAROA MANUFACTURING CO., MAROA, ILL.**

The ONLY Car Loader That Will Not Damage the Grain.



North Manchester, Ind.,  
August 15, 1907.  
Mattoon Grain Conveyor,  
Mattoon, Ills.

Dear Sirs: Enclosed find our check for the car loader. We are very much pleased with this combined cleaner and loader and don't see how we could get along without it. It certainly is a complete success. We have had experience enough with many different makes of loaders to know that it is difficult to get a loader that will load cars perfectly and that too without breaking or grinding the grain, but this will load a car perfectly without damaging the grain, and on the contrary materially improves it by the strong current of air passing through the grain. To understand what a complete success this loader is one must see it work. We like it well enough that we expect to put in one or two more soon. Very truly,  
KINSEY BROS.

THESE PARTIES ARE NOW INSTALLING THEIR THIRD MACHINE.

## COMBINED Grain Cleaner and Pneumatic CAR LOADER

The ONLY Machine that Will Clean and Load at the Same Time.

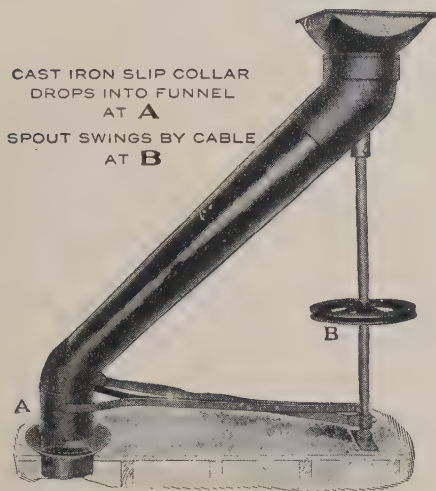
For Descriptive Circular and Prices — Address:

**Mattoon Grain Conveyor Co.**  
MATTOON, ILL.



## THE LINK-BELT SPOUT

PERFECTLY SIMPLE, AND SIMPLY PERFECT



**FULL LINE OF ELEVATOR MACHINERY  
IN STOCK FOR PROMPT SHIPMENT**

Send for New Catalog

**LINK-BELT SUPPLY COMPANY**  
MINNEAPOLIS, MINN.



## When in need

of estimates or information relative to elevator and mill transmission, or any kind of power machinery installations, write, telephone or call. We are the **General Northwestern Agents** for the following well known high grade lines:

The Sonander Automatic Scales  
"The Standard" Scales  
The Foss Gas, Gasoline and Producer Gas Engines  
Skinner Automatic Steam Engines  
Bates Corliss Heavy Duty Engines  
Frost Engines and Boilers  
Smith-Vaile Steam and Power Pumps  
Chain Belt Concrete Mixers  
Clyde Hoisting Engines  
Cookson Feed Water Heaters  
Webster Mfg. Co.'s Mill and Elevator Conveying and Transmission Machinery  
Blue Thread Brand Transmission Rope  
Diamond Rubber Co.'s Line  
Engineers' and Electrical Supplies  
Pipe, Valves, Fittings, Hose and Packing

A complete stock carried for prompt shipment and in addition we have a fully equipped machine shop for manufacturing and job work.

**Power Equipment Co.** 210-218 3d Ave. No.  
MINNEAPOLIS

## ELEVATOR MACHINERY

**G**RAIN DRYERS—All Sizes, CRUSHERS, SHELLERS and MILLS CONVEYORS and ELEVATORS, CHAIN BELT and SPROCKET WHEELS, OAT MEAL and PEARLED BARLEY MACHINERY, HOMINY MILLS

SEND FOR DESCRIPTIVE CATALOG  
OF WHAT YOU WANT

**THE C. O. BARTLETT & SNOW CO.**  
CLEVELAND, OHIO, U. S. A.

## Mt. Pelee Hocking—

is **rescreened** and the best domestic soft coal to handle.

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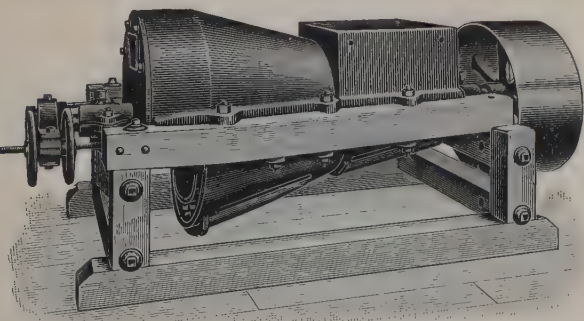
**OHIO & MICHIGAN COAL CO.**

Miners and Shippers

**Anthracite and Bituminous Coal**

Main Office: DETROIT, MICH.

We can furnish you with any style or make of warehouse corn shellers at best prices



## Corn, Oats and Wheat Cleaners

Wagon Dumps, Man-Lifts, Elevator Boots and Heads, B. S. C. Chain Feeder and Drags, Cast Iron Turn Heads, Flexible Loading Spouts, anything and everything to make you a prosperous and glad New Year.

Write for catalogue and new prices.

**B. S. CONSTANT CO.,** Bloomington, Ill.





**NEW MARSEILLES DUSTLESS CYLINDER CORN SHELLERS**

★ Made in Several Sizes, Both Stationary and Portable Styles

WE MAKE Hand and Power Corn Shellers, Horse Powers, Feed Grinders, Portable Elevators and Wagon Dumps, Pump Jacks, Grain Elevator Machinery and Supplies.

**Speaks for Itself:**

Gainesville, Texas; May 12, 1908.

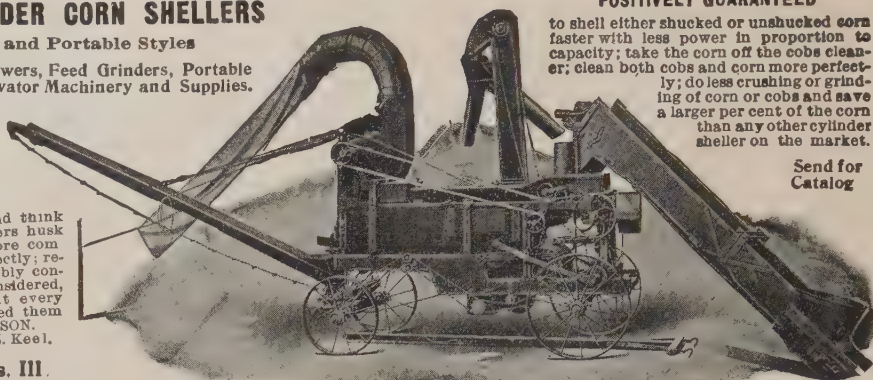
Marseilles Mfg. Co., Marseilles, Ill.

Gentlemen: We purchased the first Shuck Corn Sheller you ever made, some eighteen or twenty years ago. Since then we have bought 12 or 15 of them, representing every improvement, and expect to buy several more this season. We have bought one or more of about every other make and think we are competent judges of such machinery. Your Shellers husk and shell the corn off the cob more thoroughly; save it more completely; clean both the shelled corn and the cobs more perfectly; requires less power in proportion to capacity; are more durably constructed and costless, loss of time and cost of repairs considered, than any sheller we have ever used. We have thrown out every other kind of Corn Sheller we ever bought and have replaced them with yours.

KEEL & SON.  
By J. Z. Keel.

**MARSEILLES MFG. CO. Marseilles, Ill.**

Branch Houses and General Agencies at Principal Distributing Cities.

**POSITIVELY GUARANTEED**

to shell either shucked or unshucked corn faster with less power in proportion to capacity; take the corn off the cobs cleaner; clean both cobs and corn more perfectly; do less crushing or grinding of corn or cobs and save a larger per cent of the corn than any other cylinder sheller on the market.

Send for  
Catalog

**Buffalo  
Grain  
Tester****With  
Buffalo  
Filler**

BUFFALO SCALE COMPANY BUFFALO, N. Y. CHICAGO NEW YORK

**Grain Storage Receipts**

Designed to be used by country elevator men, who store grain for patrons, in keeping a record of grain stored.

These receipts are numbered in duplicate, two on a page, with perforation between for easily tearing apart. The receipt is signed by the elevator man and shows he has received in store of ..... net bus. .... Wheat to be stored and insured under following conditions, etc.

The stub is used for recording the name of the owner of the wheat, the number of gross bus., dockage bus., and net bus. and lbs., grade and dockage per bu.

Each book contains 50 receipts printed on bond paper, 10½x3½ in. Order form No. 4. Price 50 cents.

**GRAIN DEALERS JOURNAL**  
255 La Salle St. CHICAGO, ILL.

**THE RIGHT COMBINATION** to successfully handle this year's corn crop.

Poorly Shelled and Cleaned Corn Means NO GRADE Every Time.

WE are located in the center of the corn belt of one of the largest corn producing States in the Union, and have made the shelling and cleaning of corn a life study. Our machines meet every demand and do perfect work. For this reason you will find more "Western" Shellers and Cleaners in elevators than all others; a high testimonial to their worth.



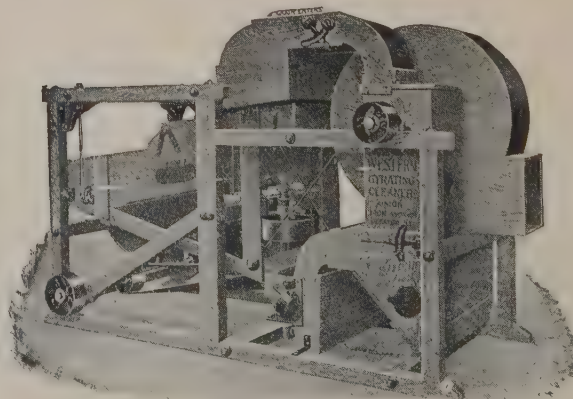
THE WESTERN PITLESS SHELLE

The "Western" Gyating Cleaner will not only clean your corn perfectly, but can be used to clean all kinds of grain; built in eight sizes; capacities from 200 to 2,500 bushels per hour. All machines are thoroughly tested before leaving the factory.

Get our CATALOGUE No. 26, illustrating and describing our complete line of "WESTERN" Shellers, Cleaners and Elevator Equipment.

**UNION IRON WORKS, Decatur, Illinois**

The "Western" Pitless Corn Sheller is durable; shelling surfaces are chilled; has large capacity; is a self-feeder; fan discharge, over or under, right or left; instantly adjusted with special lever, to suit the different conditions of corn; it is the sheller with which all others are compared.



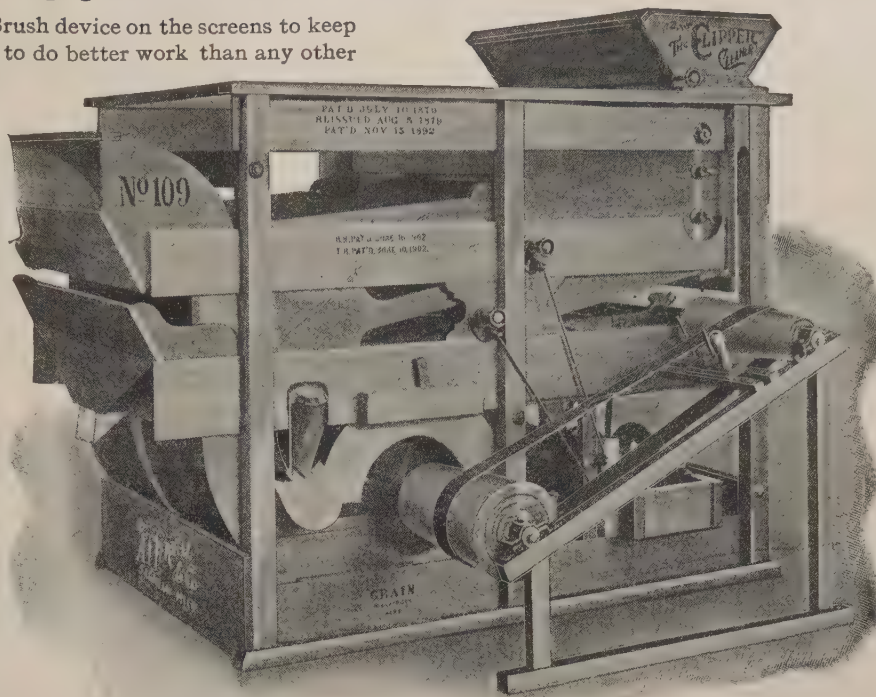
THE WESTERN GYATING CLEANER



# The No. 109 Clipper Seed and Grain Cleaner

Shown here has our perfect Traveling Brush device on the screens to keep them from clogging, which enables it to do better work than any other cleaner. It also has our Special Air Controller, which an experienced man will see at a glance is a perfect device for regulating the Air Blast. It has three full length screens and one-half length scalper screen which makes it very desirable for handling dirty or chaffy seed, grain or corn. The excellent results obtained on this machine and the small amount of power required by it will surprise you if you have not operated one of our Cleaners.

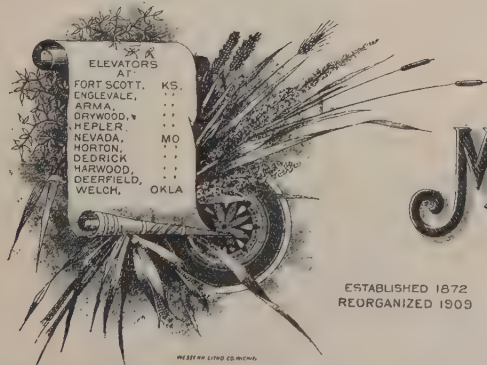
We guarantee it to give perfect satisfaction on clover or timothy seed or any kind of grain and it can be operated with one-fourth the expense for power of any suction cleaner on the market. If you are looking for a first-class, up-to-date cleaner of good capacity, we would be glad to send you catalog and give prices and particulars upon request.



**A. T. FERRELL & CO., SAGINAW, W. S., MICHIGAN.**

## THE GRAIN DEALERS JOURNAL SOLD IT

J. H. MEAD



All Quotations Subject to Changes in Market

J. D. MEAD

### Mead Grain Co.

SUCCESSORS TO  
DAVIS & CO

8 NATIONAL AVE

ESTABLISHED 1872  
REORGANIZED 1909

Ft. Scott, Kans. Dec. 29, '09

Grain Dealers Journal,  
Chicago, Ill.

gentlemen:

Please discontinue our ad for our grain meter scale. Your paper sold it for us. Please insert the following ad in seed wanted column. Good lots of timothy, red and alsyke clover wanted. Send sample and price to Mead Grain Co., Ft. Scott, Kans.

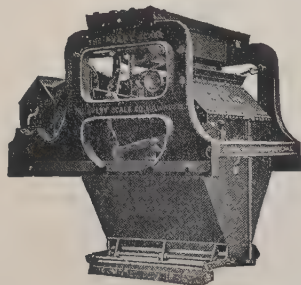
Yours truly  
Mead Grain Co.

All kinds of machines, supplies, seeds, elevators, etc., are quickly sold thru the "Wanted" and "For Sale" department of the Grain Dealers Journal.

Cost is only 15 cents per line per insertion.



# STOP! LOOK! LISTEN!



The New Year  
Brings  
New Features  
Important to You

Watch for our announcements  
or write for them

## AVERY SCALE CO.

NORTH MILWAUKEE, WIS.

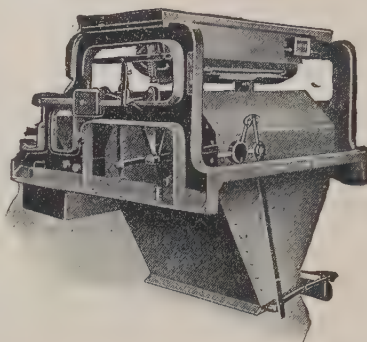
### BRANCHES:

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## THE BEST PRODUCED YET. Richardson Automatic Grain Scale



x  
Fitted with our  
PATENT  
LOCKING  
GEAR  
x

Without this locking Gear any Grain Scale can be made to pass grain through it unregistered.

The "RICHARDSON SCALE" equipped with this attachment **cannot** run through.

Our patents give us this great advantage over all other makes.

Other new features:

**CHOKeless FEED CHUTE—THE MOST SIMPLE AND CORRECT  
COMPENSATING BEAM FOR SUSPENDED GRAIN YET DEvised**

*Backed by Guarantee*

## RICHARDSON SCALE COMPANY

6 Park Row, NEW YORK

CHIC AGO, 122 Monroe Street. - MINNEAPOLIS, 415 Third Street, So.

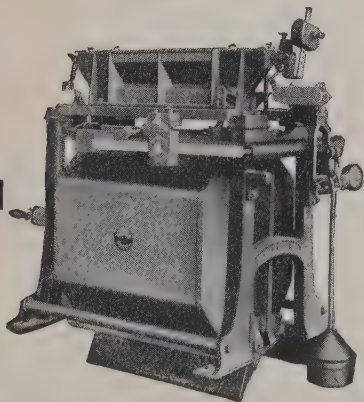
## Fairbanks Automatic Scales

put your mill or elevator on a modern business basis. No more losses through carelessness or inaccurate weighing. Faster, more convenient and above all more accurate than any other automatic grain scale ever invented.

Write us *today* for new automatic scale catalog No. 550 AW.

## Fairbanks, Morse & Co.

Chicago, Ill.



## GAS ENGINE BOOKS

Operators of Gasoline engines who encounter difficulties in the care or operation of gas and gasoline engines will find each of the following books of great assistance.

THE PRACTICAL GAS ENGINEER, by E. W. Longenecker, M. D., Price \$1.00.

THE GAS AND GASOLINE ENGINE, by Norman & Hubbard, Price, \$1.00.

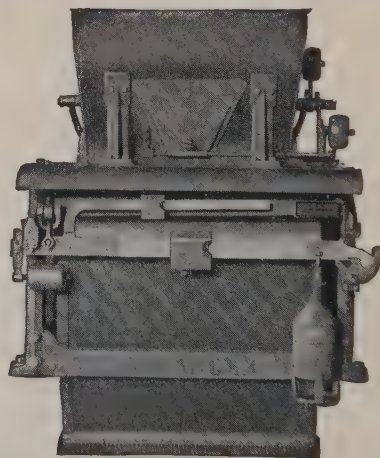
THE GAS ENGINE HANDBOOK, by E. W. Roberts, Price, \$2.00.

GAS ENGINE TROUBLES AND REMEDIES, by Albert Strittmatter, Price, \$1.00.

PLAIN GAS ENGINE SENSE, by E. L. Osborne, Price, \$1.00.

For any of the above address, GRAIN DEALERS JOURNAL, 255 La Salle St., Chicago

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## SONANDER AUTOMATIC SCALE.

is a Standard Scale to which have been added simple parts to secure automatic and continuous weighing. It's just like the scale you have always used, only it's automatic.

There is never any doubt or mystery.

It is guaranteed to handle a greater variety and condition of grain, *clean or dirty*, whole or ground, with greater ease and greater accuracy than any other automatic scale. Such a guarantee will be made to *you*.

The Sonander is self-testing, no platform or other scale is required. *It occupies less space than others.*

"Sonander Baggers are wonders" so users say.

## THE WINTERS-COLEMAN SCALE CO.

SPRINGFIELD, OHIO.

Agents at all Grain Centers



## THE RELIANCE AUTOMATIC DUMP CONTROLLER



does not require time or labor in operating, is in the road in the sink or in driveway. It is simple, durable and easily attached to any drop dump. All prominent elevator contractors recommend it.

In our experience in grain elevator building we find there is often a great objection raised by the farmers about the hard dropping of their wagons in dumping; also that expense often accrues to grain men for repairs to wagons broken in this way.

It has been in use over the central grain states two years. We have letters from a great number of users who speak of it in the highest terms, and say they will not do without it.

We guarantee it to give satisfaction.

Shipped on 30 to 60 days trial. Price, \$12.00.  
Yours truly,

RELIANCE CONSTRUCTION CO.  
INDIANAPOLIS, IND.

## Grain Testers Flax Scales

Wheat, Flax and Seed  
Testing Sieves are  
needed now.

Send Us Your Order.  
Complete Line Prices Right

GRAIN DEALERS  
SUPPLY CO.

Minneapolis Minn.

## ELEVATOR EQUIPMENT

We manufacture a complete line of elevator equipment including Wagon Dumps, Power Shovels, Corn Shellers and Cleaners, Buhr Stone and Roller Feed and Meal Mills, Meal Bolters, Packers, Car Pullers, Passenger Elevators, Grain Handling Appliances, Belting and Power Connections of all kinds, Mill and Elevator Supplies.

WRITE FOR PRICES.

**NORDYKE & MARMON CO.**

America's Leading Mill Builders

Est. 1851.

INDIANAPOLIS, IND.

## WILLFORD

Light Running Three-Roller Mills

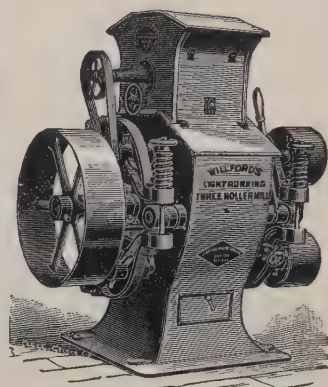
ARE THE BEST  
FEED MILLS FOR ELEVATORS

because they take the least power,  
are strong, simple and durable.

Write for Circulars and Prices.

**WILLFORD MANUFACTURING CO.**

303 So. 3rd Street Minneapolis, Minn.



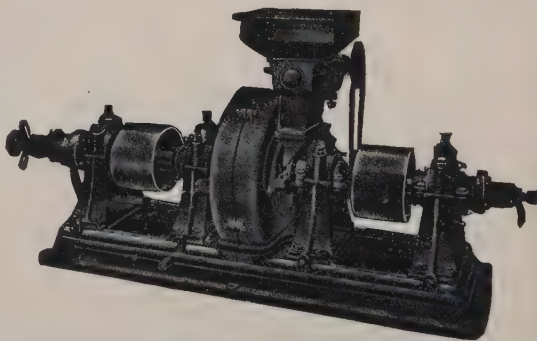
## Your Profits

at the end of the year are shown by the amount of cash you have. You will find the feed grinding end of your business very profitable if you have a

**Monarch  
Feed Mill**

Let us prove it to you by sending you one on trial. **WRITE US**

**SPROUT, WALDRON & CO**  
P. O. 260, MUNCY, PA.



The **NATIONAL** is a well balanced scale. Every part works together without the usual fuss made by the ordinary automatic scale. It is built for service. Every weighing is accurate and positive, no matter how irregular you may elevate. Straws, cobs or any trash that may be elevated will not stop the **NATIONAL**. By all means see a 1910 **NATIONAL** before placing your order for an automatic scale. Write at once to the

**NATIONAL AUTOMATIC SCALE CO.**

BLOOMINGTON, ILLINOIS.

## BOWSHER

(Sold with or without Elevator)

CRUSH ear corn (with or without shucks) and GRIND all kinds of small grain. Have Conical-Shape Grinders. Different from all others.

**LIGHTEST RUNNING**

(Our circular tells why)

Handy to Operate. Eight Sizes—2 to 25-horsepower.

Peculiarly suited for use with Gasoline Engines.

The N. P. Bowsher Co.  
South Bend, Indiana

**FEED MILLS**



**Your Messenger**

Let the Grain Dealers Journal be your message bearer. It reaches progressive grain dealers everywhere



75c

## BRINGS INQUIRIES ENOUGH

Bern, Kas., 11/1/09.

Grain Dealers Co.,  
Chicago, Ill.

Dear Sirs;—Find enclosed stamps for 75c to pay for ad in Journal, 10/25/09. I think I have enough inquiries so that I can make the sale of my elevator without any doubt.

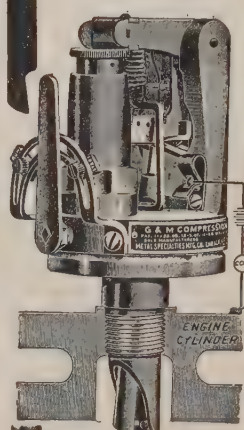
Yours truly,

(Signed) J. D. INFELD.

THE most economical way to fill your wants is to advertise in the "Wanted" and "For Sale" columns of the Grain Dealers Journal, Chicago. Cost is only 15c per line per insertion.

## Agents Wanted

In every community to sell

G. & M.  
Compression  
IgnitersA revelation in  
Gas Engine Ignition.

This Igniter is suitable for all types of internal combustion engines. It may be screwed in, in place of the jump

spark, hot tube, or mechanical make and break igniter.

We can save money, time and trouble for every engine user.

The advantages are: More power; steadier running; no misfires; less straining and jerking of engine and a great saving of fuel.

For particulars write sole manufacturers

Metal Specialties Mfg. Co.

427-441 Randolph St. CHICAGO, ILL.

## U MAY

find a grain elevator to your liking in the "Elevators for Sale" columns of the Grain Dealers Journal, Chicago, Ill.; but, if you do not, you can surely find what you want by telling our readers your wishes thru our "Elevators Wanted" columns and thereby learn of some rare bargains which are not now advertised.

SET OF BOOKS  
FOR  
GRAIN DEALERS

COMPLETE FOR \$3.50.

## A GRAIN RECEIVING BOOK (No. 12 AA).

Grain Register is invaluable to the country grain man and is designed to facilitate the work of keeping a record of weights and number of bushels in wagon loads of grain received.

Each page is 8½x14 inches, and at top of the 11 columns are printed Date, Name, Kind of Grain, Gross, Tare, Net, Bushels, Pounds, Price, Amount and Remarks.

Each page has spaces for 40 wagon loads and each book has 100 pages, making each book contain spaces for records of 4,000 loads. The book is well printed and ruled on sterling ledger paper, and substantially bound in full heavy canvas covers.

## A GRAIN SHIPPING BOOK (No. 14 AA).

Sales, Shipments and Returns is invaluable to the country grain man in keeping record of his sales, shipments and returns from the shipments made. Its use will save much time and book work. The pages are 10½x16½ inches, used double. The left-hand pages are ruled for information regarding Sales and Shipments; the right-hand pages for Returns. Under Sales the column headings are Date, Amount Sold, Price, Grain, Terms. Under Shipments are Date, Car Number and Initial. Our Weights in Bushels, Grade, Route, Rate. Under Returns are Destination, Grade, Difference, Bushels, Over, Short, Gross Proceeds, Freight, Over, Short, Commissions, Other Charges, Total Charges, Net Proceeds, Drafts, Remarks.

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GRAIN DEALERS JOURNAL

255 La Salle St., Chicago, Ill.



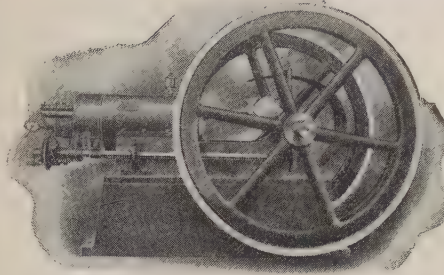
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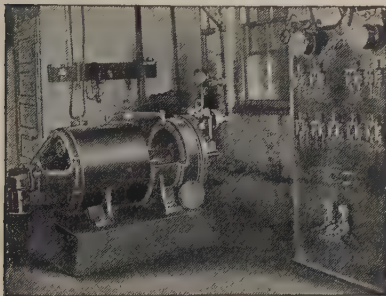
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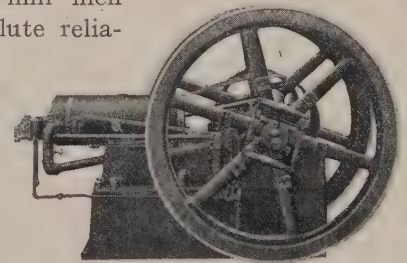
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**MY ELEVATOR IN IOWA** for sale or lease. Good reasons for selling. Address Chance, Box 3, Grain Dealers Journal, Chicago.

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**30,000 BU. ELEVATOR EASTERN ILLINOIS** on I. C. R. R. for sale. Handles 200,000 bu. Price \$9,000. Address C. A. R. Box 10, Grain Dealers Journal, Chicago.

**ELEVATOR AND COAL BUSINESS** for sale. Located in best part of Northeast Kansas. Good proposition. Address F. H. D. Box 1, Grain Dealers Journal, Chicago.

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**NORTH CENTRAL ILLINOIS.** One 30,000 bu. and one 12,000 bu. elevator and feed mill for sale. Also coal and feed business if wanted. Situated in North Central Illinois in corn and oats belt. No competition. Address Box 21, Osco, Ill.

**MODERN NO. INDIANA ELEVATOR** on two railroads, in full working order, for sale. Has capacity of 22,000 bu.; 25 H. P. Olds gasoline engine and up-to-date equipment throughout. For full particulars address Vern, Box 12, Grain Dealers Journal, Chicago.

**ELEVATOR AND LUMBER YARD** for sale. Located in small central Iowa town. Good territory, no competition. Stock \$5,000.00. Plant \$3,000.00. Sales \$15,000.00. Handle 50-75,000 bushels grain. Satisfactory reason for selling. If interested, address Ola, Box 1, Grain Dealers Journal, Chicago.

**LINE OF ELEVATORS** in Southwestern Minnesota for sale. Doing a good business. Local and crop conditions never better. Houses all in good repair, equipped with good machinery. Line always been a money maker. Full particulars on application. Address Minnesota, Box 6, Grain Dealers Journal, Chicago.

**A 35M ELEVATOR** located on its own ground on the I. C. R. R. in the corn belt of Ill. New cribbed house, modern in every respect; handle 150 to 200 M yearly in a good organized territory; price \$9,000.00; a snap, and don't answer this if you don't mean Biz. Further particulars address Cotton, Box 9, Grain Dealers Journal.

**ELEVATOR FOR SALE.** You can buy a good elevator with two corn cribs in a large farming territory in state of S. Dak. on G. N. road; only two elevators in town. We also do a good business buying hogs and cattle. No competition. Poor health, retiring from business is reason for selling. Address South, Box 1, Grain Dealers Journal.

**ELEVATOR, GRIST MILL, CIDER MILL** and vinegar factory, all connected, situated in Eastern Kansas in a fine, thriving country; the only plant of its kind within a radius of 15 miles; gas power; good shipping point on A. T. & S. F. R. R.; good money maker; also 6 lots of ground adjoining buildings and depot; sidetrack to mill door; owner leaving for Europe. For further information address, Star, Box 9, care Grain Dealers Journal, Chicago, Ill.

## ELEVATORS FOR SALE.

**FIVE ELEVATORS FOR SALE—**On C., M. & St. P. R. R. Either separately or as a line. A rare opportunity. Address B. B. S., Box 10, Grain Dealers Journal, Chicago.

**WE OFFER THE BEST ELEVATOR** bargain in the state of Indiana for \$5,000.00. Only elevator at station on R. R. Fine town, 1,200 population. Good productive land with large territory. Good school & college, 3 churches, one bank, paved streets. Handling over 100 cars; everything correct. Come or write me, J. F. Pearson, Chalmers, Ind.

**ELEVATOR AND LUMBER YARD** for sale. Located on the B. & O. S. W. R. R. Central Ill. Handle about 125 M. bus. of grain, 75 cars of hay, 40 cars of coal and 30 cars of lumber during the year. Copy of elevator 25 M. bu. 25 H. P. gasoline engine, modern equipment. Price \$8,500.00 for elevator, lumber sheds and real estate, the lumber will invoice about \$7,000.00. This business has been a money-maker and will bear close investigation. Address E. H., Box 12, Grain Dealers Journal, Chicago.

**BEST ELEVATOR IN EAST IND.—**both house and location—for sale. Rare opportunity. Doing an extra good business in grain, flour, feed, coal, hay, cement and live stock. In buying one need not consider the live stock business unless he so desires. No elevator better equipped for handling grain in every way; can take care of it as fast as it can come in. Three good dumps, four stands of elevators, best of car loader; everything up to date. Elevator on own ground. Has 500 bu. hopper scales, also 100 bu. hopper scales, cement block boiler room, everything in first class shape, nothing lacking in any way; in a fine town of 600 inhabitants, graded school and two good churches. Will sell all or half interest in business. J. W. Owens & Son, Saratoga, Ind.

**FOR SALE—IN THE DISTRICT COURT** of the U. S., Southern District of Illinois. In re John E. Hawthorne, Bankrupt, John Y. Chisholm, Trustee.

By virtue of an order entered in the above matter on the 21st day of December, A. D. 1909, I will on Friday, January 14th, 1910, at 2 o'clock P. M., at the East door of the court house in Bloomington, Illinois, offer at public auction.

One grain elevator, located at Colfax, Ill. One grain elevator, located at Holder, Ill. Two grain elevators, located at Fletcher, Ill. The north half of lots 7 and 8 in Block 3, Woods Addition to Colfax. Also all book accounts, notes, stocks and any and all other property belonging to said bankrupt estate. Terms: Ten per cent of purchase price at time of sale, balance on approval of sale by Hon. R. L. Fleming, Referee in Bankruptcy. For full description or personal inspection of properties, call on or address John Y. Chisholm, Bloomington, Ill. Dated Dec. 22, 1909.



## ELEVATORS FOR SALE.

IF YOU ARE SEEKING A BUSINESS write to the Manager of the Want Ad. Dept. of the Grain Dealers Journal, Chicago, Ills.

**THREE ELEVATORS NEAR VALPARAISO, IND.** for sale, ranging in price from \$5,000 up. Reasonable terms. Write for descriptions. Address, Jas. M. Maguire, Campus, Ill.

\$4,000 1/2-down buys good paying grain and hay elevator with feed mill and rolls for meal in village in Southern Ohio on Big 4 R. R. Address National Mill Exchange, New Philadelphia, Ohio.

**ELEVATOR IN SMALL TOWN** west of Chicago with good coal trade in connection for sale. No competition. A good point for a person with a small amount of money. Address Jas. M. Maguire, Campus, Ill.

**NEW ILLINOIS ELEVATOR** up to date in every particular. Steam power, sheller, 40,000 capacity; 10,000 bu. crib. 4 1/2c rate to Chicago. Will handle 150,000 to 200,000 bus. annually. Nearest competition 5 miles. Address Modern, Box 1, Grain Dealers Journal, Chicago.

**ELEVATOR, LUMBER YARD, COAL** business and small bank for sale in small town where there is no competition in any line. Elevator handles 400,000 bu. corn and oats annually. All lines pay well and are conducted from the same office. Prices and terms very reasonable. Address J. M. Maguire, Campus, Ill.

**25,000 BU. ELEVATOR** for sale. Nearly new, cribbed and modern in every way, equipped with dump scales; gasoline engine and cleaner, large office; located in the best grain producing part of Minn. in a good little town, one other elevator, good competition; price \$4,200.00; reason for selling, have other interests. Address B. Box 10, Grain Dealers Journal, Chicago.

**A GOOD PROPOSITION.** I offer for sale a well-equipped elevator 20 M. capacity, a clover seed house, capacity five cars, coal sheds for 1,000 tons of coal. Average business 100,000 bu. of grain, 3 to 5 cars of seed, 2 cars salt, 2,500 tons of coal, 3 cars feed, 5 cars flour, large retail feed business. Elevator is equipped for buying and transferring grain in car loads. Has two feed mills and an ear corn crusher. Have Hopper scale and two wagon scales; 25 H. P. engine, 40 H. P. boiler (new) also a 20 H. P. electric motor; 3 dumps, 3 stand of elevators. Seed house is equipped for handling seeds by wholesale as well as retail. Has No. 39 Clipper cleaner and 1 stand of elevators all operated with a 5 H. P. electric motor. This property is located in a fine Central Indiana town of 6,000 and is a place well adapted for enjoying the best advantages in the way of schools, churches, theaters, lodges, etc. The business is well built up and a money-maker for a good live man who will spend his time looking after it. Price \$15,000. Don't answer unless you mean business and are willing to pay the price for a good location. Address Fred, Box 12, care Grain Dealers Journal, Chicago.

## ELEVATORS FOR SALE.

**GRAIN, LUMBER & COAL BUSINESS** for sale at Beaver Crossing, Nebr. R. R. records will show that it is the best station on the Superior branch of the C. & N. W. An unusual opportunity. If interested call or address the Dawson Grain Co., Linwood, Nebr.

## ELEVATORS WANTED.

**HAVE SOME GOOD LAND** I wish to trade for elevator property in N. D., S. D. or Minn. J. J. Brady, Doran, Minn.

**IF YOU WANT TO SELL YOUR BUSINESS** write to the Manager of the Want Dept., Grain Dealers Journal, Chicago, Ills.

**ELEVATOR WANTED** in exchange for good improved farm. Give full description and price. Address Inde, Box 6, Grain Dealers Journal, Chicago, Ill.

**ELEVATOR WANTED.** Western Ohio or Eastern Ind. Give full particulars and price for cash in first letter. The Buckland Mfg. Co., Buckland, Ohio.

**WANTED ELEVATOR** handling one hundred thousand. Give description and price in first letter. Address H. S. H., Box 1, Grain Dealers Journal, Chicago.

**ELEVATOR WANTED** handling 150,000 bu. grain annually, located in Minnesota, Iowa, North or South Dakota. Address John, Box 1, Grain Dealers Journal, Chicago.

**WANTED—TO BUY OR LEASE** a first class elevator doing good paying business; Iowa or Ill. preferred. Address G. D. J., Box 1, Grain Dealers Journal, Chicago.

## ELEVATOR BROKERS.

**WE MAKE** a specialty of selling flour and grist mills. If you want to buy or sell property of this kind please write us. Fidelity Realty Syndicate, Equitable Bldg., Baltimore, Md.

**WRITE US** if you want to sell your elevator or want to buy. We have a large list of elevator bargains and also some good exchanges for elevators. Address Iowa Mill & Elevator Brokers, Independence, Iowa.

**ALL KINDS OF ELEVATORS** for sale. Some as low as \$3,500 and up to \$20,000. Most of them in Illinois. Have suited 47 buyers and am sure I can suit you in an elevator. Let me know your wants, the amount you wish to invest and the first thing you know you will be happily located in business. Address J. M. Maguire, Campus, Ill.

**OUR MOTTO IS** each pleased buyer will send us two more—satisfied buyers of 94 elevators for reference. **OUR TERMS** 2% on \$5,000 and up sales, \$100 or less, paid by seller. Over 400 elevators listed and plenty of buyers to suit. Come, wire, 'phone, write or meet me. Here's much success to every dealer 1910. John A. Rice, Elevator Broker, Frankfort, Ind.

## ELEVATOR STOCK FOR SALE.

**WANT TO SELL STOCK** in a line of elevators including a feed mill, located in the best section of the corn belt, and especially located for the distributing of feed to all parts of the country. Party purchasing can have active position if desired. Address H. C. D., Box 12, Grain Dealers Journal, Chicago.

## MILLS FOR SALE.

**ALFALFA MILL FOR SALE**—In best Alfalfa Belt in the west. New complete plant. Now making one ton per hour. Good reason for selling. Address Alfalfa, Box 6, Grain Dealers Journal, Chicago, Ills.

**FOR SALE—FEED STORE, FLOUR** exchange and feed mill run by electric power. An up to date outfit, no opposition; in a good live town. Will bear closest inspection. If interested write W. H. D., Box 113, Roanoke, Ind.

**FIRST CLASS WATER POWER MILL.** \$16,000 will buy 125 barrel mill with rolls for flour and stone for feed grinding; never failing water power. Mill 20 miles from Milwaukee. Good reasons for selling. L. K. Ruck, Grafton, Wis.

**ENTIRE PLANT of PINE BLUFF MILL & Elevator Co.,** formerly operated by T. H. Bunch Co., located at Pine Bluff, Ark. Plant is modern, substantial brick building, daily capacity 600 bbls. meal, 2,500 sacks corn chops. Plant is located in two trunk line railroads; enjoys milling in transit rates; surrounded by large consuming territory; machinery modern, including complete Automatic Sprinkler System, low rates of insurance. For sale on reasonable terms. Address Cochran & Kavanaugh, L. Drawer "W," Little Rock, Ark.

**A 100 BARREL MILL** for sale Stone building, elevator 40,000 bu. capacity grain. Also complete roller system corn plant. Situated on Vandalia Railroad, Central Indiana in County Seat town, 3,000 population. Only mill in town; large retail trade. Feed, grain, hard and soft coal and seeds. Well established and profitable merchant and exchange trade. A rare business chance. Reasons for selling, owners involved in bank failure. Address John B. Archer, Spencer, Ind.

## FARM LANDS.

**NEBRASKA AND KANSAS LANDS** for sale. Income properties and mills. List your elevators with me; have buyers for two. J. S. Hole, Real Estate, University Place, Nebr.

## LUMBER MILL FOR SALE.

**LUMBER FACTORY** with 2 acres land for sale. Planing mill with saw mill attached along side of H. V. R. R. with side track now in. Good location and at a bargain. Address Box 824, Upper Sandusky, Ohio.

## POULTRY FOR SALE.

**RHODE ISLAND REDS**—The great utility fowl. Every Elevator operator should have some. Old and Young birds for sale. Address: Grove Poultry Yards, Downers Grove, Ills.



**HELP WANTED.**

**WANTED MAN** with experience in seed business to do road work part of year; balance of time in office. State salary. Address Adam, Box 1, Grain Dealers Journal, Chicago.

**WANTED FOREMAN.** Man with experience to act as foreman in seed cleaning plant. Must understand business. State salary. Address A. S. C., Box 1, Grain Dealers Journal, Chicago.

**WANTED IN CENTRAL KANSAS** an experienced grain man to take charge of country elevator, also handle coal and mill products. State age, experience and salary expected. Address Worth, Box 1, Grain Dealers Journal, Chicago.

**PARTNERS WANTED.**

**WANTED EXPERIENCED PARTY** with \$5,000.00 capital to take an active interest in a good paying terminal shipping and retail business. Excellent opportunity. Address Port, Box 1, Grain Dealers Journal, Chicago.

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**MGR. BKKPR. OR ASSISTANT** MGR. of small line of elevators wants position. Experienced; employed. Ask for particulars. Austin, Box 11, Grain Dealers Journal, Chicago.

**MANAGER OR BUYER** for an elevator wants position Feb. 1st. Know how to deal with the farmers. Lifetime experience. Address Ind. Box 12, Grain Dealers Journal, Chicago.

**GRAIN OFFICE AND ELEVATOR MAN** wants position. First class. Ten years experience in the grain business; expert gasoline engineer and mechanic. Married. C. C. Inglis, Summitville, Ind.

**WANTED POSITION AS BUYER** for elevator in Neb., competent, 40 yrs. old, married. Good grader, etc. Best references. Now employed in elevator but wish change. C. R. Smith, Box 18, Bellewood, Neb.

**POSITION WANTED.** 12 years experience in the mill and elevator business. Want place with good firm or can invest a few hundred dollars. Best references. Address Green, Box 12, Grain Dealers Journal, Chicago.

**MANAGER OF ELEVATOR** wants position. Have had five years experience. Am a good judge of grain and clover seed. Have also handled hay, tile, coal and feed. Address Cox, Box 12, Grain Dealers Journal, Chicago.

**POSITION WANTED** by man that is competent as manager of an elevator, who can get the grain if any is raised. Want to make change by March 1st. Ask for my references. Address C. M., Box 12, Grain Dealers Journal, Chicago.

**MANAGER OF GRAIN ELEVATOR** or solicitor for grain firm wants position. Would put up time and experience against capital in grain enterprise. 5 yrs. exp. A. 1 ref. Age 30; single. Address Moy, Box 3, Grain Dealers Journal, Chicago.

**SCALES WANTED.**

**SECOND HAND SCALES** wanted. Capacity 500 to 700 bu. Fairbanks or Howe. W. D. Rapp & Son, Sabina, Ohio.

**SCALES FOR SALE.**

**SCALES** for elevators and mills, lowest price. Chicago Scale Co., Chicago.

**SCALES**, second hand, 1-22 ft. Howe and 1-14 ft. Fairbanks. Both have office beams. Will sell very cheap. L. J. Button Ele. Co., Sheldon, Ia.

**FAIRBANKS & HOWE HOPPER** Scales, 700, 500 and 300 bu. capacity. Guaranteed to be good as new. Omaha Scale Co., 10 and Douglas, Omaha, Neb.

**SCALES** of all kinds repaired, rebuilt, tested and sealed. Elevator and mill scales our specialty. All work guaranteed. Address Young Bros., 1 Bridge St., Toledo, Ohio.

**SCALES AND BELTS FOR SALE.**

One 1000 bu. Fairbanks hopper scale with timber \$75.00; one Fairbanks R. R. T. scales 120,000 lbs. capacity \$200.00; two 26" rubber belts 160' long \$75.00 each; two 24" rubber belts 120' long \$50.00 each. La Crosse Wrecking Co., La Crosse, Wis.

**MACHINES FOR SALE.**

**MONITOR CLIPPER** number nine in first class shape for sale. Alder Grain Company, Buffalo, N. Y.

**2-4 FT. PULLEYS** in good condition for sale cheap. Address F. W. Anderson, Mgr. Donovan Grain Co., Donovan, Ill.

**1 CORN CRUSHER & FEED GRINDER** combined for sale. Good as new. Cheap. Address Flinn & Gaunt, Earl Park, Ind.

**TEN NO. 4 SILVER CREEK FLOUR BOLTERS** for sale. Just as good as new. Cheap. Address Aurora City Mills, Aurora, Ill.

**1 MARSEILLES CLEANER** for sale. Capacity 800 bus. per hour good condition. Cheap. Address W. W. Wilson, Sheldon, Ill.

**CLEANER AND SEPARATOR** for sale. 1 Monitor No. 4 Receiving separator, 1 No. 1 U. S. Corn Sheller, 1500 bu. capy. 1 No. 13 Constants Corn Cleaner, 1700 bu. capy. Address J. A. Horn Construction Co., Oklahoma City, Okla.

**SECOND-HAND FOR SALE.**

Attrition mills: 3-24" Cogswell's; 1-24" Monarch; 1-20" Unique; 2-24" Foss; 1-19" Foss; 3 pair high roller mills; 2-9"x18" Noye, gear drive; 1-9"x15" Case; 1-7"x18" 3 pair High Alfsee, belt drive; 1-7"x15" Alfsee 2 high roller mill. Separators: 1 No. 1½ Barnard & Leas milling, 1 No. 31 Barnard & Leas Receiving; 1 No. 258 Eureka Magnetic 25 bu. cap; 1 No. 256 Monarch Magnetic, 50 bu. cap; 1 No. 0 Howes Magnetic, 35 bu. cap. Dust collectors: 1 No. 3 P, 1 No. 4 A, 1 No. 2-B Wilson Tubular; 1 No. 2 Monarch. Address Sprout, Waldron & Co., P. O. Box 260, Muncy, Pa.

**MACHINES FOR SALE.**

**BRUSH AND SCOURER** for sale. Victor brush and scourer No. 2. Address Lyons Milling Co., Lyons, Kans.

**FAIRBANKS AUTOMATIC EVEN WEIGHT SACKER** for sale, in good condition at a bargain; capacity 300 to 360 sacks per hour, delivery in thirty days. Updike Grain Co., Omaha, Nebr.

**1 NO. 3 EUREKA GRAIN CLEANER** and No. 4 Western Sheller for sale. Good as new. Installed one of larger capacity instead. Will sell cheap. Address McBane & Witt, Thorntown, Ind.

**1 DOUBLE ROLLER MILL** for sale. 6x12 in. Nordyke & Marmon make, 1 No. 40 double Eureka Scourer & Separator, single fan 2-00 Smith Purifiers, good condition. Cheap. Address J. W. Witt, Lebanon, Ind.

**REMOVAL SALE.** Over 100 new and S. H. Grain dealers platform trucks (some with scales attached), several second hand gasoline engines from 4 to 35 H. P. also steam engine, boilers and pumps. J. T. Simonson & Co., Muskegon, Mich.

**POWER EQUIPMENT.**

Attention, Mr. Buyer.

It will be to your interest when in need of power equipment to communicate with us. We handle everything in alternating and direct current motors and generators. Also steam, gas and gasoline engine. Loveland & Monahan, 527 W. Jackson Blvd., Chicago, Ill.

**MACHINES WANTED.**

**USED MACHINERY WANTED.** Do not let your unused grain elevator machinery rust out. Sell it and put the money to work. List it with us free of charge. Elevator Man's Exchange, No. 28 S. Clinton St., 6th floor, Chicago, Ill.

**ELEVATOR SUPPLIES.**

**GRAIN TESTERS**—Three sizes, one pint, one quart, and two quarts. Guaranteed correct, sent on trial. Write for prices. A. S. Garman Co., Akron, O.

**WE GUARANTEE OUR REBUILT PUMPS** to be equal to new in efficiency and durability; pumps, compressors and engines repaired, bought, sold and exchanged. The Pump Shop, 170 N. Desplaines St., Chicago, Ill., Tel. Monroe 700.

**SCOOP-TRUCK**

A Scoop Shovel which holds 2½ bus. of grain, on wheels. It saves time and makes money. You can unload a car ten times as quickly with this scoop as by hand and ½ dozen cars unloaded will pay for it.

Price \$10.00  
F. O. B. Factory

Detroit  
Scoop-Truck Co.

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Detroit, Mich.





## GASOLINE ENGINES.

**GASOLINE ENGINES** for sale; 10 h. p. Temple Pump Co., Chicago.

**HOWE GASOLINE ENGINE** for sale. 28 h. p. all complete. Big Bargain. Address Canton Grain Co., 604 Corn Exc. Bldg., Minneapolis, Minn.

**ENGINE AND PULLEY** for sale. One 4 h. p. Little Sampson gasoline engine used 3 weeks. One 32" iron Split pulley, 12" face, 2½" bore. Prices right. Hockman & Collier, No. Hampton, O.

**TRACTION ENGINE FOR SALE**—One ten horse power steam, Nichols and Shepard make, in good condition. John L. Kneisley, % the Foos Gas Engine Co., Springfield, Ohio.

**10 H. P. GASOLINE ENGINE** for sale with dry battery to start on any dynamo for spark to run on for \$200.00 F. O. B. cars Park Ridge. Not run over 50 times. Address Park Ridge Lumber & Coal Co., Park Ridge, Ill.

## GASOLINE ENGINES FOR SALE.

30 H.P. Nash.  
25 H.P. Columbus.  
25 H.P. Fairbanks Morse.  
22 H.P. Fairbanks Morse.  
15 H.P. Fairbanks Morse.  
12 H.P. Fairbanks Morse.  
6 H.P. Fairbanks Morse.  
4 H.P. Fairbanks Morse.  
12 H.P. International Howe.  
Also fifty engines of varied sizes and all makes. Address A. H. McDonald, 549 Monroe St., Chicago, Ill.

## BARGAINS IN SLIGHTLY USED GASOLINE ENGINES.

1-3HP Field, used one year.....\$ 95.00  
1-4HP Field used 60 days.....105.00  
1-4HP Vertical Davis good condition ..... 25.00  
1-4HP Vertical Dayton engine... 35.00  
1-6HP Olds on skids with tank used 60 days.....125.00  
1-6HP Vertical latest improved Fairbanks used 60 days.....125.00  
1-6HP Foos Jr. used 30 days....150.00  
1-6HP Foos in good condition...100.00  
Allen P. Ely & Co., Omaha, Nebr.

## AGENTS.

**AGENTS WANTED** to sell Native Herbs. \$1 box 250 tablets for 50c. Write P. Melrose, Columbus, Ohio.

**BIG PROFITS**—Selling vulcan fountain and stylo Pens. Well advertised, easy to sell. Write for catalog showing liberal discounts. Ullrich & Co., 27 Thames St., Dept. 47, New York.

## FERRETS FOR SALE

**4000 FERRETS**—Prices and Book mailed free. N. A. Knapp, Rochester, O.

## Oklahoma Elevator Brokers

Successors to

Weatherwax & Co.

Sapulpa,

Okla.

## STEAM ENGINES—BOILERS.

**TWO RELIANCE MILWAUKEE BOILERS** for sale. 5'x14" complete; used but short time, \$200.00 La Crosse Wrecking Co., La Crosse, Wis.

## REBUILT ENGINES AND BOILERS.

The cleanest and most thoroughly rebuilt, all our own and in stock. Not scattered everywhere and merely listed.

**ENGINES—CORLISS:** 20x48" Wheelock, 20x42 Allis, 18x42 Hamilton, 16x42 Lane and Bodley, 14x36 Lane and Bodley, 14x24 Wright, 12x30 Allis, etc.

**ENGINES — AUTOMATIC:** 16x32 Buckeye, 15x14 Erie, 14½x16 Buckeye, 14½x14 Ball & Wood, 13½x15 Taylor, 13x16 Erie, 12x14 Green, 12x12 N. Y. Safety, 10x10 Fisher, 9½x12 Leffel, 8x10 Allfree, etc.

**ENGINES — THROTTLING:** 18x24 Erie, 16x20 Chandler and Taylor, 16x18 Erie, 14x24 Atlas, 13x16 Chandler and Taylor, 14x14 Lewis Vertical, 10x16 Owens, Lane and Dyer, 10x12 Industrial, 9x12 Ajax, 8x12 Climax, 7x12 H. S. & G., 6x8 Clark, etc.

**BOILERS — STATIONARY:** 72x18 High Pressure, 72x18 Standard, 72x16, 66x16, 60x20, 60x16, 54x16, 54x14, 54x12, 48x16, 48x14, 44x14, 40x12, 40x9, 36x16, 36x10, etc.

**BOILERS—FIRE BOX:** 80, 60, 50, 40, 35, 30, 25, 20, 16, 12, 10 and 8 h. p., etc.

**BOILERS—VERTICAL:** 50, 40, 35, 30, 25, 20, 16, 12, 10, 8, 5, and 3 h. p., etc.

**HEATERS:** All sizes, open and closed.

**PUMPS:** All sizes, Single and Duplex.

**SCALES:** Five-ton Fairbanks, Wagon Scales. Also full assortment of new machinery.

Sole manufacturers of the celebrated "LEADER" INJECTORS and JET PUMPS. Send for circular THE RANDLE MACHINERY CO., 1748 Powers St., Cincinnati, O.

## ENGINES WANTED.

**A 100 H. P. RIGHT HAND CORLISS ENGINE** in first class condition wanted. Address Paul O. Moratz, Bloomington, Ill.

## MEMBERSHIP FOR SALE.

**FOR SALE**—A seat on the Winnipeg Grain Exchange, Winnipeg, Canada. Box 33, Carberry, Manitoba, Canada.

## SHELLERS FOR SALE

**TWO STANDARD ELEVATOR CORN SHELLERS** for sale or trade. A. H. Richner, Crawfordsville, Ind.

**KEYSTONE POWER PORTABLE CORN SHELLER** for sale. Four hole, good condition. Used only one season. Alley Grain Co., Mercer, Mo.

## INFORMATION.

**READERS DESIRING** to learn by whom, or where any grain handling machine or device is made can generally obtain it promptly by addressing, Information Buro, Grain Dealers Journal, Chicago, Ill.

**ADDRESS WANTED.** Information wanted regarding the present whereabouts of Geo. B. Esterman who did a grain receiving business in Toledo, O., as Esterman & Co., address A. Victim, Box 1, Grain Dealers Journal, Chicago, Ill.

**INFORMATION WANTED** — We would like very much to have information from any grain dealer who has had experience regarding the reliability and service of the Sprague Mercantile Agency, 184 La Salle St., Chicago, Ill. Address B. V. O., Box 12, Grain Dealers Journal.

## BUSINESS FOR SALE.

**SEED, GRAIN, FEED AND COAL** business for sale at Broadview, Mont. Well established. Also carry a line of agricultural implements which can go with sale or not as desired. Address W. X. Sudduth, Billings, Mont.

## OFFICE APPLIANCE.

**SAFE.** A good second hand Diebold safe, size 12x15x20, for sale. A good country grain office safe. L. J. Button Ele. Co., Sheldon, Ia.

**ONE SECOND HAND SAFE** guaranteed fire proof, size outside measure 40 inches high, 26 in. wide and 26 in. deep. All in good shape and nicely painted; offer at a bargain. Ft. Branch Grain Co., Ft. Branch, Ind.

## GRAIN DEALERS JOURNAL

255 La Salle St., Chicago, Ill.

190

Gentlemen—Enclosed find One and <sup>50</sup>/<sub>100</sub> Dollars (\$1.50) for which please send the Grain Dealers Journal on the 10th and 25th of each month for one year to

Name of firm.....

Post Office.....

Capacity of Elevator.....

bus.

State.....



**SEEDS FOR SALE.**

**FOR SALE—MILLET SEED** a specialty. Also deal in all kinds of grain and seeds. D. H. Clark, Galt, Mo.

**GOOD PRIME CLOVER SEED** for sale. Little red. Ask for samples and prices. The Buckland Mlg. Co., Buckland, Ohio.

**NORTHERN GROWN TIMOTHY SEED**, seed grain and Red River early Ohio potatoes. N. J. Olsen Co., Moorehead, Minn.

**CLOVER, MILLET, CANE** and other field seeds wanted. Car lots or less. Send samples. Griswold Seed Company, Lincoln, Nebr.

**SEEDS FOR SALE** — Clover, Timothy, Millet, Hungarian, Red Top and other Field Seeds. Write for prices. Illinois Seed Company, Chicago, Ill.

**WRITE US FOR QUOTATIONS** on kaffir corn and milo maize. Will quote sacked or bulk delivered anywhere. New crop will soon be moving. The Western Grain Co., Wichita, Kan.

**NEW MADRID SEED CORN** for sale in car lots. Both white and yellow. Specially selected and put up in even weight branded bags. Jaspar, Newsum & Co., New Madrid, Mo.

**NORTHERN SEED OATS** — This year try oats raised in the hardy northwest climate. Heavy, clean, rust resisting. Fargo Seed House, Fargo, N. D.

**SEED CORN.** Write us for wholesale prices on any variety field corn — carefully graded shelled corn or on ear. Write for sample ear by mail. Miami Valley Seed Co., New Carlisle, Ohio.

**KAFFIR CORN, MILOMAIZE, CANE SEED.** Write us for prices, bulk or even weight, sacked, recleaned if desired. F. O. B. Okla City, Kansas City, St. Louis or Chicago. Immediate shipment. Address E. R. & D. C. KOLP, Okla City, Okla.

**"Timothy Seed, Alsike, Japanese Millet, Mixed Alsike and Timothy;**

Car lots or less. If interested, write, stating quantity in need of, and we will sample you with lowest price. Glad to ship you mixed car.

**THE ADAMS SEED COMPANY**  
Box 9, Decorah, Iowa

**"ARAB" HORSE FEED**

A PERFECT BALANCED RATION

**M. C. PETERS MILL CO.**  
Alfalfa Queen Mills. OMAHA, NEB.

**SEEDS THAT GROW**

Best quality Vegetable, Flower and Farm Seeds, Alfalfa, Clover, Seed Potatoes, etc. We will send free with our New Coreless Tomato, the best of all tomatoes. Do not fail to try our Bountiful Collection of Vegetable Seeds, best 5 varieties on earth, postpaid for 40c. We also carry full line of Nursery stock.

**GERMAN NURSERIES & SEEDHOUSE**  
CARL SONDEREGGER, Pres.  
German Nurseries,  
Box 19, Beatrice, Neb.

**SEEDS FOR SALE.**

**SEED CORN FOR SALE.** The world's best Johnson Co., White Dent Johnson Co. yellow dent and Reids yellow dent. Pure and true to name. Address B. F. Cole, Trafalgar, Johnson Co., Ind.

**PURE BRED SEED OATS**—I have for sale this year some fine extra heavy pure bred Swedish select oats and national oats. Write for samples and delivered prices on 100 bu. or more. L. C. BROWN, La Grange, Ill.

**A FEW CAR LOADS OR LESS** of choice blue stem seed wheat. Grown on the timber lands of the Minnesota River Valley. Also timothy seed and Minnesota grown seed oats and barley. Write for samples. St. John Grain Co., Heron Lake, Minn.

**MINNESOTA SEED** barley and grass seeds. We have the finest seed barley in the Northwest raised on the Bluffs of the Upper Mississippi. Also clover, alsike and timothy raised on the Highlands. Write for samples and prices. R. E. Jones Co., Wabasha, Minn.

**HIGH YIELDING SEED CORN.** I have a very choice selection of seed corn. Tested and shipped on approval. Have both early and medium season varieties. Write for price on 100 bu. lots delivered your station. L. C. Brown, La Grange, Cook Co., Ills. Corn and Oats Specialist.

**SEEDS WANTED.**

**MEDIUM AND MAMMOTH CLOVER SEED** for sale. Free from Buckhorn. Nathan & Levy, Ft. Wayne, Ind.

**OATS WANTED**—White Russian, Horse Mane and Mammoth Side. Send sample. L. N. Kellogg, No. Ferrisburg, Vt.

**FIRST-CLASS EUROPEAN SEED HOUSE** wishes offers of Alsike, red clover and timothy seed from such dealers who have no agents in Europe. I also want sample offer on squash seed for medical purposes. Apply to I. L. RADWANER, 229 Broadway, N. Y.

**SEEDS WANTED.**

**WE ARE IN THE MARKET FOR** clover, millet, alfalfa, kaffir and cane seed. Younkerman Seed Co., Council Bluffs, Iowa.

**SEEDS WANTED**—Clover, Timothy, Millet, Hungarian, Red Top and other Field Seeds. Send Samples. Illinois Seed Company, Chicago, Ill.

**WE ARE BUYERS OF** shelled corn, ear corn, oats, mill feed, hay, clover and timothy seed. J. A. Gault & Co., Kittanning, Pa. P. R. R.

**WE WANT LOW GRADE CLOVER SEED** Bad buckhorn clover seed and clover seed tailings. Ask us about it. J. M. King & Son, North Vernon, Ind.

**YOU CAN EASILY** find a buyer for your pure seeds and grains by placing an ad in this column. Send to Mgr. Want Ad Dept., Grain Dealers Journal for particulars.

**SEEDS WANTED**—We are buyers of low grade clover seed and tailings. Send average samples and lowest prices or we will make prompt bid. Kerr Bros., Bellefontaine, O.

**CLOVER SEED WANTED** — Any quality or condition; buckhorn lots a specialty; also clover tailings. Send fair average samples with bottom prices, or ask for bids. C. C. Norton's Sons, Greenfield, Ohio.

**GRAIN WANTED.**

**GOOD LOTS OF TIMOTHY**, red and alsike clover wanted. Send sample and price to Mead Grain Co., Ft. Scott, Kansas.

**NEW WHEAT AND OATS** of every description wanted. Mail samples and name price delivered Philadelphia. Address L. F. Miller & Sons, Phila., Pa.

**WE WANT** Barley, Cane and Millet Seed, Low Grade Wheat, Bran, Shorts, No. 3 or better White and Mixed Corn, and all varieties of Clover and Grass Seeds. Quote us and send samples. Address Pittman & Harrison Co., Sher-

**WE BUY PURE SOFT WINTER WHEAT CHOICE WHITE CORN** (either ear or shelled)

Cincinnati official weights and grades final.

**PERIN BROS.,**

**Millers**

**Cincinnati, Ohio**

**More Business for Elevators  
If Farmers Raise More Oats**

Did you ever hear of

**GARTONS PEDIGREE OATS**

They have produced season 1909 as high as 96 bu. per acre of 42 lb. oats. We claim an increased yield of 20 to 40%.

We have made **OATS A SPECIALTY FOR 30 YEARS**

This expert knowledge is at your service. Drop us a line and let us send you our 1909 Report of Crop Results, showing comparative yields of Gartons Pedigree Oats against local varieties.

Write for Catalog G.

**GARTON-COOPER SEED CO., 64 W. Illinois St., CHICAGO**



## GRAIN WANTED.

**QUOTE ME** on all kinds of grain and feed. Isaie Laplante, Fall River, Mass.

**CORN WANTED**—500 Cars for 16 stations on C., M & St. P., C., B. & Q. and C., R. I. & P. Rys. North Mo., all season. Quote us regularly on ear and shelled corn, bran, shorts, oil meal and feed of all kinds. Alley Grain Co., Mercer, Mo.

**WANTED** your account for the sale of CORN, OATS and FEED STUFFS on the Memphis market on brokerage. EVERY grain shipper should have our RAILROAD CLAIM BOOK. It collects claims on transportation companies quickly. Claim agents are pleased to receive claims made in such condensed form, which admits of quick adjustment. It is inexpensive and worth its weight in GOLD to claimants. Correspondence solicited. W. J. Booker & Co., Memphis, Tenn.

## GRAIN FOR SALE.

**WE HAVE FEW CARS KAFFIR CORN** in the West to sell. Write us. Kinsey Bros., North Manchester, Ind.

**WHEAT, CORN, OATS AND Kaffir corn** for sale. Delivered prices made on request to any points in the U. S. Stevens-Scott Grain Co., Wichita, Kans.

**W. A. STEPHENSON & CO.**, St. Paris, O., dealers in corn, oats, hay and straw. Darnell Sta. on D. T. & I. R. R. We own the building and side track and scales. We are situated in the best corn belt in the Miami Valley.

## HAY WANTED.

**LARGE AND SMALL BALED HAY** of the timothy, clover, mixed and clover grades wanted. Also No. 2 natural Berry white oats. Will purchase outright or handle on commission. Liberal advances made on consigned shipments. Best possible results guaranteed. Write W. D. Power, 601 West 33rd St., New York.

## SALT FOR SALE.

**WANTED**—Elevator companies to write us for prices on our high-grade salt in new barrels. Colonial Salt Co., 317 Dearborn St., Chicago, Ill.

**TO BUY  
SELL  
RENT or  
LEASE an  
ELEVATOR**

Place an ad. in the "Wanted" or "For Sale" columns of the GRAIN DEALERS JOURNAL of Chicago. It will bring you quick returns, yet cost you only 15 cents per line. Try it

**Want a Job?** —Advertise in the Situations Wanted columns of the Grain Dealers Journal.

## FLOUR FOR SALE.

**MIXED CARS** of flour and mill feeds in 100-pound sacks are our specialties. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, O. man, Texas.

## BUCKWHEAT FOR SALE.

**RECLEANED GRAIN** Japanese Buckwheat for sale. Dry and free of straws and gravel. H. B. Low & Son, Orangeville, Pa.

**BUCKWHEAT GRAIN.  
BUCKWHEAT FLOUR.  
BUCKWHEAT GROATS.**

**FOR SALE BY  
MINER-HILLARD MILLING CO.,  
WILKES-BARRE, PA.**

## ROCK PHOSPHATE.

**ILLINOIS ELEVATORS** should sell Rock Phosphate fertilizer. Write for prices. M. A. Socksteder, Downers Grove, Ill.

## WE PAY CASH FOR FIELD SEEDS.

**Kaffir Corn, Milo Maize, Sunflower Seed**

Send samples and quote prices. Can use the above in small lots shipped in cars containing choice yellow corn, standard white oats and choice feed barley.

**EDWARDS & LOOMIS CO., 342-352 No. Elizabeth St., Chicago, Ill.**

## SEEDS

**Grain, Clover and Grass Seeds,  
CHAS. E. PRUNTY,**

**7, 9 and 11 South Main St. SAINT LOUIS**

**WE ARE DEALERS IN SEEDS  
Timothy, Clovers, Millets, Etc.  
Also Seed Grain  
MINNEAPOLIS SEED CO. MINNEAPOLIS, MINN.**

## THE ALBERT DICKINSON CO.

**Clovers  
Timothy  
Flaxseed  
Bromus inermis  
Dwarf Essex Rape Seed  
Main Office, CHICAGO, ILL.**

## SEEDS

**Blue Grass  
Orchard Grass  
Millets, Hungarian  
Redtop, Seed Corn  
Peas, Beans, Bags, etc.  
MINNEAPOLIS, MINN.**

## SEEDS WANTED

**Kaffir Corn, Milo Maize, Cane Seed,  
Broom Corn, German, Siberian, Early  
Fortune Millet and Sunflower Seed.**

**Send Samples and Quote Prices in Car Lots.**

**THE QUAKER OATS CO., CHICAGO, ILLS.**



# TO INVESTIGATE THE ADVANTAGES OF OUR INVINCIBLE MACHINES IS THE BEST NEW YEAR RESOLUTION A GRAIN DEALER CAN MAKE.

Most people who have not seen or studied the good qualities of these machines consider them an expense; but this is wrong.

These machines are the greatest profit increasers for grain handlers ever invented.

We make them in all sizes and all styles for all kinds of grain.

Tell us your needs and we will be pleased to send you full information.

WRITE TO-DAY

**INVINCIBLE GRAIN CLEANER CO., Silver Creek, N. Y.**

Represented by J. H. PANK, 512 Traders Bldg., Chicago, Ill., Phone Harrison 667. F. J. MURPHY, 225 Exchange Bldg., Kansas City, Mo.  
C. L. HOGLE, 623 Board of Trade, Indianapolis, Ind. N. W. Representatives: STRONG-SCOTT MFG. CO., Minneapolis, Minn.

# BEALL CLEANERS

*are cheapest in the  
long run*

**THE BEST IS ALWAYS CHEAPEST**

**THE BEALL IMPROVEMENTS COMPANY  
DECATUR, ILL.**



## GRAIN DEALERS JOURNAL

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10th and 25th of Each Month  
by the

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**CHARLES S. CLARK,**  
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### The Advertising

value of The Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms catering to the grain trade place your announcements in the leading Journal.

### Letters

on subjects of interest to those engaged in the grain trade, news items and crop reports are always welcome.

Entered as Second-Class Matter Aug. 5, 1898, at the Post Office at Chicago, Ill., under Act of March 3, 1879.



GOLD MARKS SIGNIFYING QUALITY OF CIRCULATION HAVE BEEN AWARDED THE GRAIN DEALERS JOURNAL BY THE AMERICAN NEWSPAPER DIRECTORY

**CHICAGO, ILL., JANUARY 10, 1910.**

FLAX SEED has reached an unprecedented figure in the Northwest and dealers may soon be expected to be wearing seeds set in gold for stick pins.

UNIFORM GRADES, or at least uniform rules, as drafted by the Grain Dealers National Ass'n, continue to gain ground and today the country is nearer uniformity than ever. Norfolk, Va., is the latest market to join the uniformity band. *Next!*

LEAKY CAR reports are being received at such infrequent intervals that our car report editor has begun to inquire, Have all the grain dealers at country stations gone blind or does the cold weather keep them indoors? Let us hear from you.

SHORT WEIGHTS can always be depended upon to place a perpetual cloud upon a grain buyer's right to remain in the business. A recent disclosure, which brings discredit upon the dealers of the section shows that a buyer at Antler, N. D., attached a small burr to his wagon scale beam, with the result that he gained 110 lbs. of grain on each load. It may be necessary for sugar consumers to continue patronizing the trust, but grain growers always patronize competitors when they find a buyer who favors them with short weights.

ALL GALVESTON grain elevators will probably soon be public houses, as the U. S. Circuit Court has decreed that the Southern Pacific Railway Co. and the Southern Pacific Terminal Co. are guilty of granting a monopoly in permitting one E. H. Young to maintain a cotton seed meal and cake mill on its pier at Galveston.

SHIPPERS who confine their business dealings in central markets to members of the organized exchanges can in most markets force an arbitration of any trade difference, and where a balance remains due them can often force a settlement which would be impossible did they consign to non-members. Keep this in mind when tempted to grab for the extra 1/2 or 1/4 cent offered by an unknown.

SPARKS would start fewer grain elevator fires if every railroad had to pay for each building destroyed. Many of them escape paying what is rightfully due the grain dealer through long drawn out law suits. E. F. Sherman, of Allegan, Mich., however, is one dealer who saw fit to carry his case to court and recently was awarded \$7,500 damages against the L. S. & M. S. R. R. Good luck to the fighters.

THE Federal Corporation Tax Law, which is now in force, is meeting with untold opposition from corporations which are averse to giving publicity to their business through such reports; hence partnerships will be expected to displace corporations in many instances. The Illinois Manufacturers Ass'n will hold a meeting here this week to enter a protest against the objectionable features of the law and no doubt this protest will be seconded by corporations in all parts of the country.

THE CONDITIONS of the Uniform Bill of Lading seem to have been drawn primarily to handicap the grain shipper, as those who have thoughtlessly signed bills and afterward made claim know full well. Shippers, who are alert to their own interest have seen to it that the words "Signed under protest" preceded their signature. According to the secretary of the Kansas Ass'n Section 3 of the Uniform Bill is now being enforced to the disadvantage of shippers who filed claims against the U. P. R. R. after the time specified in the Bill of Lading has expired. The bill provides that claim for any loss or damage must be filed within four months. Occasionally the shipper does not know of his loss until after that time has elapsed and often it is impossible for him to perfect his claim that soon. If the claim is a just one it should be paid at any time it is presented and proved. The lapse of four months cannot be justly used to nullify a claim which otherwise is right.

DEALERS who contemplate erecting a new elevator should profit by the experience of others and insist on a heavy foundation with a rat and moisture proof basement. During recent years nearly one-half of the old style houses have been so equipped, even at an expense of twice what it would have cost had the elevator been so equipped when built. Build right at the start and save money.

CONTRACTORS, who neglect to pay for material or supplies installed in an elevator, ordinarily would not expect to continue long in the business, but one so-called builder who has delayed nearly a year the completion of a plant is also now confronted by a lien for machinery furnished in another. It is always advisable to investigate the financial ability as well as the engineering ability of unknown barn builders who are ever willing to promise anything asked.

CORN MIXERS in their eagerness to manufacture contract grades overdry some corn and mix it with new corn containing considerable moisture, with the result that the Railroad & Warehouse Commission of Illinois has issued instructions to inspectors not to grade any corn No. 2 unless it be of uniform moisture as well as quality. The purpose of this latest ruling of the commission is to check the mixing of kiln dried corn which has but 14% moisture with new corn of 18%, thus securing an average of 16, which is the highest permissible in No. 2. The Chicago Inspection Department now is equipped with moisture testers both for bulk and single grain test, so that the exact percentage of moisture can easily be determined.

THE SWITCHMEN'S strike of the Northwest is credited with tying up about 6,000 cars of grain, mostly wheat. But the cold weather, snow, ice and the threatened coal famine has also contributed largely to a reduction of the transportation facilities at the command of the grain shipper. Many industries in different sections of the country are greatly handicapped by a lack of sufficient fuel and some have been forced to suspend operation entirely, but on top of this handicap the railroads are trying to move the freight offered with insufficient motive power and freight cars. Some shippers are hauling their grain to another line, while others are satisfying themselves with inducing all the commission merchants in the country to get after the delinquent carriers. The conditions will result in many shippers entrusting their grain to cars unfit for transporting any granular material. Leaks will be many and losses heavy unless cars are lined and carefully coopered. The time that grain is likely to be in transit, even after it gets into a car, is sure to be longer than usual, so greater care is needed in the preparation of the car.



## RATE REGULATION A FIXED POLICY.

By his special message to Congress the President has disabused the minds of railway officials of the hope that regulation of railroads would relapse with the passing of Roosevelt. It has shown that railway reform is not a matter of personality but one of principle and that the dominant political party is bent on progress in this direction.

The President's suggestions, while not radical, are directed toward making the present act more effective and amplifying judicial powers. He recommends that the Commission be given the power to initiate objections to increases in rates before the rates become effective and to forbid an increase or set a maximum.

A Commerce Court is recommended by the President to adjudicate a large class of cases, and while taking away these from the Commission gives that body the right to initiate complaints.

Misquotation of freight rates by the carrier is recognized by the President as an evil demanding correction, and while admitting that the shipper should have recourse he believes that the protection of an illegal rate quoted would open the way to fraud and suggests that carriers be required to furnish a written quotation on application in writing and that the penalty for false quotations be \$250 fine, payable to the government.

## ANTI-FUTURE AGITATION.

With the reassembling of Congress and a number of state legislatures comes again the annual flood of bills providing for the prohibition of all dealing in farm products for future delivery. Ignorant and misguided reformers, whose entire knowledge of the grain trade is gained from a perusal of scare head display lines in the daily press, jump to the conclusion that dealing in grain for future delivery is a great sin. Few seem willing even to investigate the methods of the business. Their prejudices are so deep-seated they are perfectly willing to condemn without a hearing.

It is indeed gratifying to note that the report of the Bureau of Corporations, which finds fault with some practices of the New York Cotton Exchange, raises no objection to honestly conducted trading in futures. In fact, the report, which is most voluminous, states quite fairly the advantage to the producer and consumer in the economical marketing of farm products. The investigators have not been slow to recognize the advantages of a constant market and the maintenance of uniform markets thruout the land, relatively speaking. Fluctuations are minimized, producers and consumers are aided and protected by the work of collecting and distributing information regarding supply and demand which enables all concerned to act quickly.

If the law-makers will but digest thoroughly the report of the Bureau the agitation for new laws will cease. Some practices now tolerated by the exchanges are inexcusable but, no doubt, will be corrected by the proper authorities without interference from the law-makers. If they do not soon adopt methods which will insure fair treatment for all interested they will expect to meet with legislative regulation.

## DELAYED PAYMENT OF RAILROAD CLAIMS.

Every shipper has been exasperated to the bursting point by the dilatory tactics of freight claim agents in handling claims known to be just and fair. The grain shippers of the country especially are frequently given occasion for denouncing the unreasonable delay of the claim agents. It is but natural that these delays should result in many heated denunciations of the railroads and everyone connected with them. The many grievous wrongs being suffered by the shippers as the result of the unreasonable provisions of the Hepburn Act and the unfair conditions of the Uniform Bill of Lading cause them to take advantage of every occasion to denounce the railroad companies. Therefore, it is but natural that some carriers are beginning to sit up and take notice. One freight claim agent, who is looked upon as the orator of the railroad fraternity of the Southwest, is now booked to talk on "Railroads and Public Sentiment" at the annual meeting of the Kansas Ass'n in Kansas City.

The freight claim agents may be aspiring to become known as the chief instigators of antagonistic sentiment against the railroad. If that is their ambition, success has already crowned their efforts. Commissioner Harlan of the Interstate Commerce Commission, in a recent decision against the Aberdeen & Ashboro Ry. Co., took occasion to reprimand the railroads most heartily in their delay in adjusting claims. In the course of his remarks he said:

"From shippers in all parts of the country, and from local traffic associations, which are making earnest efforts on fair and reasonable lines to secure a reform in the practices of carriers in this regard, many complaints have been received during the last year of the inattention of carriers to plain overcharge claims and of their delay in adjusting them. And a survey of these complaints has led us to the conclusion that this practice, or, rather, lack of practice, among carriers is open to severe criticism."

Railroad claim agents in the past have found delay one of the cheapest and most potent factors in settling doubtful or unwelcome claims, and it is but natural that they should continue to use this means of forcing settlement upon easily discouraged shippers, who have not the determination or persistence to keep after their just dues until granted.

If all shippers would perfect their system of proving and filing claims and then adopt systematic methods of fol-

lowing up the claims delays would be less frequent and refused claims would be less numerous. The claim agents, who now think it their sole duty to thwart the payment of as many claims as possible would in wild despair buckle down to their duty and honestly investigate the merits of every claim and report more promptly.

## BOOKKEEPING FOR COUNTRY ELEVATORS.

Bookkeeping is a very important part of the work of the successful country grain buyer. Yet investigation discloses the fact that some dealers are attempting to do business today without books. They may prove it possible to conduct a business without records of accounts, but experience will show that the cost of their experiment will be many times greater than the cost of the books and the labor of making the entries. So many special column books are now devised especially for grain dealers that the work of keeping a record of every business transaction is reduced to a minimum, and it would seem near-sighted parsimony to attempt to get along without them.

Those dealers who keep accurate accounts of each business transaction can now tell how much they lost on last year's business, and if their records are accurate they can trace the cause of the loss and post prominently in their office a resolve to avoid the same pitfall during 1910. It must always be a source of gratification to the dealer who reviews a year's business and finds no expensive blunders—no heavy losses which could have been prevented. The dealer who does not care to know if he made a profit during 1909 is just as reluctant to be reminded of his 1909 errors. The man who will not profit by his own mistakes as well as by the experience of his brother dealers cannot expect to attain any great degree of success. An examination of your books may disclose the fact that during 1909 you bought no grain from the leading farmers of a rich locality. If that be true then an investigation of the causes would seem to be your plain duty, even tho an unpleasant one. Tact and frankness will often win trade where a higher bid failed.

A review during these snowbound days of the year's business by those who have books may also disclose some expensive errors that it is not too late to correct. The dealer with the systematized business and a perfect system of accounting has the advantage every time over the man who tries to carry his entire business in his head.

CLOSING the western grain exchanges at 1 o'clock may eventually be brought about, but it will first require considerable agitation in order to build up sentiment in favor of the change.



## Cars Leaking in Transit.

Shippers who favor their brother sufferers by sending reports of cars they see leaking grain in transit, to the Grain Dealers Journal for free publication, encourage others to report their cars when seen leaking in transit. We have received reports on cars leaking grain as follows:

S. P. 51522 passed thru Elwin, Ill., Jan. 1 leaking at side door; this is a new car and must have been poorly coopered.—G. S. Connard & Co.

T. P. 14152 was set out at Fidelity, Ill., Dec. 26 in a bad, leaky condition; I nailed it tight along the sill; car was leaking in several places; car is now in condition to travel; don't know how much it leaked before I repaired it.—Wm. Neider.

N. P. 29540 was in a very bad wreck at Almont, N. D., Dec. 18.—Tom Berryman.

L. S. & M. S. 79,433 passed thru Raymond, S. D., over the C. & N. W. Nov. 28 leaking wheat at side of car over wheels.—C. C. Smith.

C. R. I. & P. 57293, passed thru Haverhill, Kan., Nov. 5, on Frisco local east-bound; leaking wheat on both sides and at rear end.—Brown & Brown.

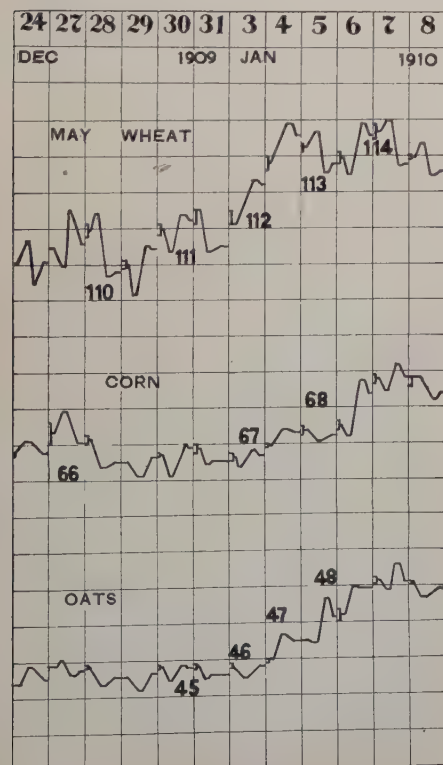
M. & O. 17,610 passed thru Petersburg, Ill., Nov. 20 northbound over the C. & A. leaking wheat along side of car; no chance to repair it.—J. Colby Beekman, sec'y and treas. Five Point Grn. Co.

Soo 16298, leaking wheat badly at wheat door and at sheathing on side of car passed thru Braddock, N. D., Nov. 9; tried to fix it best I could, but train did not stop over 5 minutes, so could not repair properly.—F. L. Griffiths, agt. Minn. & W. Grn. Co.

C., O. & G. 28334 (Rock Island) passed thru Brighton, Ill., Nov. 8 southbound on the C. & A., leaking white oats over both drawbars. Drawbar and part of one end torn out; shortage will be large.—Russell S. Brown.

## Chicago Prices

The opening, high, low and closing quotations on wheat, corn and oats for May delivery at Chicago for 2 weeks prior to Jan. 10, are given on the chart herewith.



A happy man or woman is a better thing to find than a five-pound note. He or she is a radiating focus of good will; and their entrance into a room is as though another candle had been lighted. We need not care whether they could prove the 47th proposition; they do a better thing than that, they practically demonstrate the great theorem of the Livableness of Life."—Rob't Louis Stevenson.

## Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

### MILWAUKEE HAS GOOD DRYING CAPACITY.

*Grain Dealers Journal:* Noting an inquiry in the Journal for Dec. 25 regarding the drying facilities of various markets and that the answer failed to give the capacity at Milwaukee as requested I would state that the capacity of the driers in this city is 25,000 bus. per day of 10 hours.—H. A. Plumb, secy Chamber of Commerce, Milwaukee, Wis.

### WHAT REDRESS HAS BUYER WHO FINDS BARLEY MIXED IN OATS?

*Grain Dealers Journal:* What redress has a buyer who buys No. 2 white and No. 2 white clipped oats, when the shipper's invoice shows No. 2 white oats and white clipped oats shipped, and car arrives with nothing but barley-mixed oats? Have we any protection from this kind of business? We would be pleased to learn the experience of other buyers thru the columns of the Journal.—DeMers Commission Co., Tuscaloosa, Ala.

### DISSENTING OPINION IN CASE OF ROTH GRAIN CO. V. E. R. & D. C. KOLP.

*Grain Dealers Journal:* Herewith I give a copy of a dissenting opinion on a case that recently came up for arbitration touching a point on which I could not agree with the majority of the committee and have been severely criticised for taking such a position. My opinion follows:

The Roth Gr. Co., Plaintiff,  
vs.

The E. R. & D. C. Kolp Gr. Co., Defendant.  
In the above styled case where in the plaintiff sold to the defendant a car of No. 2 hard wheat at a stated price, less one cent scale for 3's, subject to official Kansas grades. A certain car of wheat was shipped on this contract to Winfield, Kan., but on its arrival, it graded No. 4-57 hard wheat official Kansas inspection, and was received and applied on contract and accounted for at a discount of 4c per bu. below the contract price of No. 2 hard wheat, which is the minimum discount for such grade.

But the plaintiff claims that since there was no provision in the contract for grades below No. 3 hard wheat to apply, and since they were not notified of this car failing to grade, the receiver had no right to receive and appropriate the car on contract except at a discount of 2c instead of

4c, and based the claim on No. 3-57 hard wheat, which is the proper discount below the contract price of No. 2, and therefore demanded settlement on this basis, which they claim is in perfect accord and harmony with previous rulings and decisions of the Committee touching the same point.

A majority of the present Committee hold to the same opinion. I must take exception to the application of this principle in all such cases, for I believe there is an equity and a justice involved that has not been given full consideration. It is my opinion that the receiver may elect in such cases either to accept or refuse such grain on contract only on condition that if he elects to accept and apply on contract, he should first call an official re-inspection in order to guard and protect the interest and equity of the shipper, and, if the original inspection is sustained of same contract kind and has been given an official grade, he should give credit to the shipper in his returns at the contract price less the minimum customary difference for such grade, and should not be held accountable for a higher grade. But if he elects to refuse the grain, he can only do so by complying with our rules governing such refusal as found in the By-Laws, Art. 3, Sections 7 and 14.

If he fails to follow the conditions prescribed when refusing grain of this character, and fails to use proper diligence in protecting the shippers' interest and equity, then his refusal need not be accepted, and the receiver shall be obliged to apply the grain on contract at the minimum customary difference for such grade, but should not be held accountable for a higher grade. To illustrate: If strictly No. 2 hard wheat is sold, (nothing said as to lower grades) and a car arrives on contract, but officially grades No. 3-58 hard wheat, the receiver may elect to accept and apply said car on contract without notice, but should preserve the shipper's interest and equity by making no greater difference in price than the established minimum and customary difference for such grade and test. The receiver would thus protect the shipper's equity in the shipment to this extent. But if he should elect to refuse the car, he can only do so by complying with the conditions and provisions in the rules cited, and may then make other demands or enter into a new contract at a greater discount and see that his own interest in the matter is properly protected. In other words both shipper and receiver have an equity that must be preserved, no matter whether the car is rejected or accepted on contract, and the fact that the receiver in the illustration cited, accepts and applies a No. 3-58 hard wheat on a contract that specifically calls for a No. 2 hard wheat with no provision for lower grades, does not justify the shipper in protesting against the minimum dockage of 1c for such grade and requiring the receiver to pay the full price of No. 2 hard as called for in contract.

But if the shipper should make an arbitrary discount greater than the usual and customary minimum difference for such grade, then the shipper would have just cause for complaint. However in this particular case, the defendant neglected to properly protect the shipper's interest and equity by failing to call an official re-inspection of the car in question, in order unquestionably to establish the official grade of the car before appropriating and applying it on contract at the stated discount, without notice; and for this reason the plaintiff is entitled to judgment as rendered by the Committee.

Signed: E. M. Flickinger.

I would like to have the readers of the Journal submit their views on the point for publication.—E. M. Flickinger, mgr., Tri-State Grain Co., Wichita, Kan.

The outlet for Michigan hay has been very materially reduced by the new basis of freight rates preventing Michigan shippers from longer participating in the favorable rates to the south.—S. Bash, Ft. Wayne, Ind.



Of all the gifts that come to cheer,  
The best one is a brand New Year.  
Snow-wrapped and holly-decked it comes  
To richest and to poorest homes.  
Twelve jeweled months all set with Days  
Of priceless Opportunities.

A silver Moon and a golden Sun,  
With diamond Stars when the day is done;  
And over all a sapphire sky,

Where pearly clouds go floating by.

Joy to you for the Year that brings  
So many and such precious things.

Bertha E. Jacques.

## Letters From Dealers

[Here is the grain dealers forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

### CORN GRADING NO. 3 AT CAIRO.

*Grain Dealers Journal:* About 90% of our corn has been grading No. 3 or better during the last 10 days; moisture tests have been running from 16 to 21.5%.—J. B. Gillespie, Jr., Board of Trade, Cairo, Ill.

### SHOULD EMPHASIZE THE ADVANTAGES OF EXCHANGES.

*Grain Dealers Journal:* The fact that some shippers have been caught by fly-by-night receivers is a sad commentary on the intelligence of some grain dealers. Our firm is a member of both the state and the Grain Dealers Natl. Assns., not because we get very much business from consigning members, but because we wish to encourage a closer relationship between country interests and terminal exchanges, and the one suggestion we would make is that the grain dealers' assn's do more to emphasize to the country dealers the advantages of exchanges and combat the unaccountable antagonism that many of them have toward us.—Gardner & Paddleford, Chicago, Ill.

### GOT JUDGMENT AGAINST M. PAC. FOR GRAIN DOORS.

*Grain Dealers Journal:* My suit against the Missouri Pacific for compensation for grain doors furnished dates back to September and October, 1907.

The company was out of grain doors at this point and had no material on hand for the cooping of cars for the shipment of grain. I furnished the material for the doors and made no charge for labor or nails. In the past the company had been paying claims of this nature and it was with its full knowledge that the material was furnished.

On Nov. 15, 1907, I filed a bill to the amount of \$27.75 for the material used during the months named above. The railroad company refused payment and the claim dragged along for some time. In August, 1908, the company made reply asserting that according to the ruling of the Interstate Commerce Commission it was not responsible for grain door material unless its tariff showed such responsibility, which it did not. This ruling, however, was not made until June, 1908, eight months after this material had been furnished, hence the company had no right to refuse the claim.

I brot suit in justice court to recover the amount and won out easily. The company took an appeal to the district court and was again defeated, where the case now rests.—W. B. Banning, Union, Neb.

### NEEDLESS TO BE STUNG.

*Grain Dealers Journal:* With regard to "Consigning to Non-Members" on page 801 of the Journal for Dec. 25 we would say experience is a competent and often an expensive teacher. In these days of advertising and publicity it seems needless to be "stung" unless looking for something for nothing. It takes but little effort to learn the commercial standing of a business firm.—McKenna & Rodgers, Chicago.

### FAVORS THE OVERHEAD DUMP.

*Grain Dealers Journal:* Answering a question asked in the Journal of Dec. 25, I have been using the overhead hand dump for some time and find that with one hand I can easily lift any load of corn that comes along. To any one needing a dump of this kind I can heartily recommend this one. There is no danger of getting a wagon in the dump.—U. E. Kintz, proprietor North Feed Mill, Litchfield, Ill.

### NASHVILLE RECEIVING GOOD CORN.

*Grain Dealers Journal:* The corn received in this market during the 10 or 15 days preceding Dec. 28 graded about as follows: 18% No. 2, 75% No. 3 and 7% No. 4. The lowest moisture test has been 14% and the highest about 20% with an average of 17.5%. The quality of the corn received this season has been as good if not the best I have ever seen.—J. T. Roberts, chief inspector, Grain Dealers Ass'n, Nashville, Tenn.

### ILLINOIS CORN IS SOFT.

*Grain Dealers Journal:* From Dec. 13 to 23, inclusive, we received 151 cars of new corn, 39 of which graded No. 2, 103 graded No. 3 and 9 graded No. 4. Most of this corn was from Missouri points and was in excellent condition, much of it testing as low as 14% of moisture. Illinois corn is soft, showing a test of from 17% to 20% moisture. I should strongly advise Illinois shippers to select only such corn as is well cleaned for shipment to the south, especially during the spring months.—E. R. Gardner, chief inspector Merchants Exchange, Memphis, Tenn.

### BROKERS SHOULD BE JUDGED BY REPUTATIONS.

*Grain Dealers Journal:* I represent one of the finest mills in Oklahoma on mill-feed, but I do not handle its flour. By some strange fatality its owners consigned a car to a concern that does not rate as desirable and about which any one at Memphis could have advised them. The representative of this concern is now in my office; and for their experience they are likely to lose a car of flour. I endorse the sentiment of your article that members of exchanges are apt to be more reliable; and further suggest that brokers should be judged by their reputations more than by the trifling amount of cash they may have. It is easy to find out a broker's standing.—E. W. Wyatt, Memphis, Tenn.

### Free Storage.

#### Free Storage Is Poor Business.

San Jose, Ill.—We have been in the habit of giving free storage for a year at a time or just as long as farmers want it but it is poor business and should be discontinued by all grain dealers. We are now trying to give 60 days free storage and after that  $\frac{1}{2}$ c per month. My experience is the less you do of storing the better for the dealer. I make it a rule to charge interest on advances.—G. Brauer.

#### Farmers Should Have Bins.

Green Valley, Ill.—We have cut out the storing of grain entirely figuring that the place for the farmer to store his grain is at his own place of business. He should have bins for all the grain he can produce or he should be willing to market it when it is sent to the elevator. This seems too tight for him but we have learned so much of the losses caused by stored grain and how little the favor is appreciated by the farmer that we have no sympathy with the storing business. I think our competitors make some interest charge on the little money they advance on grain. We do not make advances on grain—it is a bad practice. If the loan is good the bank will take care of it; if weak we do not want it.—P. C. Allen, mgr. Farmers Grn. & Coal Co.

#### Free Storage Causes Dissatisfaction.

Roseville, Ill.—When I began buying for S. A. Henlee 11 years ago, we cut out free storage, also advancing money and while there was some kicking for a year or two the farmers finally became educated to paying storage from the time their last load of grain went into the elevator. It has been our practice to charge  $\frac{1}{2}$ c per bu. per month for corn or oats and 1c for wheat but at a meeting of dealers of this district held in July it was agreed to make storage  $\frac{1}{4}$ c on corn or oats and  $\frac{1}{2}$ c on wheat for 15 days or fraction thereof. In my opinion there is no advantage to the dealer in giving free storage but rather it causes a good deal of dissatisfaction. Our competitors here, Pratt & Pratt, cut out free storage about the same time we did. The farmers here do not ask for an advance of money any more.—C. W. Langdon.

#### Opposed to Storage of Every Kind.

Williamsburg, Ill.—Storage, free or paid, has always been discouraged by me, both to competitors and farmers, and I find my efforts not in vain as I can notice a decided decrease in applications for free storage. I have learned to say no very emphatically when a farmer asks me for free storage. It is not only unfair to my employers but it usually causes dissatisfaction with the farmer for he only asks for storage free when the markets are on a decline and, as a rule, when his 30 days have expired, which is the time usually given, he is compelled to sell for less than he could have gotten in the beginning. Since the average farmer carries more suspicion than good reason under his hat he thinks the dealers all conspire to hold the prices down until he must sell his little mite or pay storage. Put me down as one who is strictly opposed to storage of any kind, most especially free. I do not advance a dollar but instead I take a written contract for the amount farmer wishes to sell and he takes that to the bank and receives the money at the usual rate of interest.—L. Buckner, agt. Paul Kuhn & Co.



## How to Convert Condition Figures Into Bushels.

Estimates of the probable yields of crops are never made by the Department of Agriculture during the season of growth, the Bureau believing such estimates would circulate later among the poorly informed as an official report of the year's production.

Accordingly students of crop statistics must interpret the monthly condition figures as expressed in percentages by the Department, and as the crop experts take different par equivalents and different acreage estimates no two results agree on quantity. To assist those desiring to convert its percentages into bushels the Department of Agriculture has recently published the following explanation:

A normal condition may be defined as a condition that will produce a normal yield, if such condition is maintained until harvest. But what is a normal yield?

Most farmers know from experience approximately what their fields ought to produce, and the usual mode of farming, with normal weather conditions, and without unusual loss from disease, insects, or other injurious influence. A yield under such favorable, though not extraordinary, conditions, would be a normal yield, which is more than an average yield but less than a maximum possible yield. A condition which may produce a normal yield, as thus described is a normal, or 100 per cent, condition.

A normal yield for one farm or section may vary widely from that for another. On one field a normal yield per acre of corn might be 80 bushels, and on another field 12 bushels. A normal yield of corn for one State is more than 40 bushels per acre, for another State it is less than 14 bushels.

The condition of a crop at a given date is expressed by the percentage of a normal yield which may be produced if no change in the condition or status of the crop occur from the given date to the time of harvest. For example, if the condition of the wheat crop on June 1 were such that, with no change in condition—that is, normal influences from that date to harvest—only three-fourths of a normal yield could be expected, the condition would be reported as 75 per cent; if only one-half a normal crop could be expected, the condition would be reported as 50 per cent; if 10 per cent more than a normal yield could be expected, the condition would be reported as 110.

The normal yield of a crop for a State or for the United States may be determined approximately in a practical way by multiplying the average yield per acre for any number of years by 100 and dividing the product by the average, for the same years, of the condition of the crop at or near the time of harvest. For example, the condition of corn is reported the last time as of October 1; if the average condition of the crop on October 1 for the ten years 1899-1908 was 80 per cent, and if the average yield per acre in the ten years 1899-1908 was 28 bushels per acre, it may be assumed that 80 per cent of a normal condition will produce 28 bushels; therefore, by proportion, 100 per cent will be 35 bushels; that is,  $28 \times 100 \div 80 = 35$ .

An average for five years, instead of ten, or for any number of years, may be used for this comparison, but with slightly varying results.

This method can not give a precise equivalent of 100 per cent, because a

change sometimes occurs in a crop after the date of the last condition report and before harvest, and also because the data used are estimates and subject to errors of judgment. But for practical purposes the method is valid for obtaining approximations.

A normal yield being known, it is a simple process to reduce any given condition figure to its yield equivalent; that is, multiply the normal yield by the condition figure, and divide by 100. For example, if the condition of corn is 80 per cent, where a normal or 100 yield is 35 bushels, the indicated yield would be 80 per cent of 35 bushels, or 28 bushels ( $80 \times 35 \div 100$ ).

The yield obtained by the method thus described is the yield which may be expected providing the condition of the crop does not decline or improve after the date of the estimate. But as a crop advances to maturity some portion of it usually suffers from some damaging influences, causing a decline in condition.

To forecast the probable outcome of a crop on the basis of the condition at a given date, account is taken of the average change (usually decline) in condition from the given date to the time of harvest; it is assumed that the change in condition to the time of harvest will be the same as an average change. In other words, it is assumed that the probable yield will be in the same ratio to the average yield as the condition of the crop on a given date is to the average condition on that date.

For example, on the basis of a ten-year average, suppose the average condition of corn in the United States on July 1 is 87 per cent, the average yield is 27 bushels. Suppose the condition on July 1 is 75; it is then assumed that the probable yield (?) will be to 27 bushels as 75 is to 87, which is  $27 \times 75 \div 87 = 23.3$  (bushels). That is, multiply the average yield by the indicated condition at the given date and divide by the average condition on the same date.

The "normal" yield per acre of various crops for the United States (based upon the ten-year average of the percentage of normal condition of crop at or near the time of harvest and the average yield per acre in the same years) is found to be approximately as follows: Winter wheat, 17.5 bushels; spring wheat, 17.5 bushels; corn, 32.6; oats, 36.8; barley, 30.8; rye, 18.1; buckwheat, 21.8; potatoes, 118.1 bushels; tobacco, 968.8 pounds; cotton, 280.1 pounds; rice, 35.5 bushels; flaxseed (five-year average), 11.9 bushels.

The "normal" yield of crops per acre, that is, the yield per acre which is expected under normal conditions, is gradually increasing.

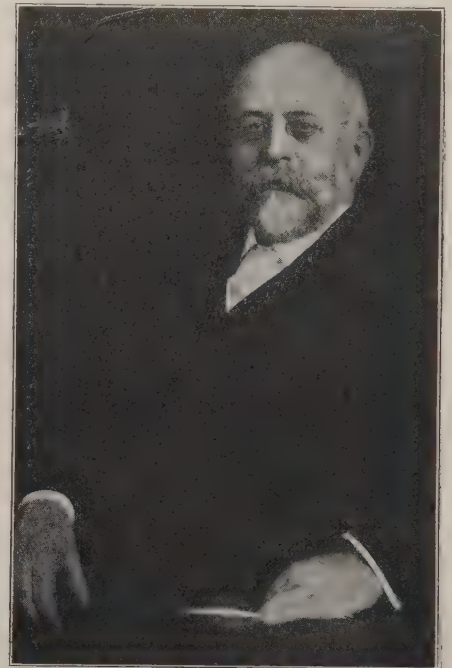
A new wheat has been produced by Prof. B. C. Buffum of Worland, Wyo., who has been working along the same lines as Luther Burbank. It is claimed for the new product that it will supplant the wheat now in use for stock feeding. The new wheat is produced by a system of interbreeding winter wheat and winter emmer, and is the result of 17 years' experimenting.

Missouri adopts uniform grain grades. So far, so good. Samples of contract wheat from another market which pretends to work under the uniform grades, shows smutty wheat in their two red. We are not knocking, but this is hardly the right way to restore confidence in contract grades. Mixers when hoggish should be restrained if they are so near-sighted. —C. A. King & Co.

## A. Stamford White Elected President of Chicago Board of Trade.

The new president of the Chicago Board of Trade, Mr. A. Stamford White, is perhaps the most modest man in this self-assertive city. His retiring disposition should not be mistaken for lack of ability, for he is a man of great force, and in choosing him to head the incoming administration the Board has been fortunate.

Mr. White was born in Liverpool in 1851, came to Chicago in 1882 and engaged in the grain and provision trade under his present firm name of A. S. White & Co. He has always been a large operator in both the grain and provision markets for cash and future delivery. His firm has large commissions from



A. Stamford White, Chicago, Ill.  
Pres. Board of Trade.

European customers and his Liverpool house is a very large distributor of meats.

Mr. White enjoys a reputation as a far-sighted student of basic economic conditions and in this way has been very successful. He is a man of few words but of great depth. During the years 1904 to 1907 Mr. White served as a director of the Board of Trade and feels pleased at his unanimous election after having been a member for 27 years.

## Exports.

Buckwheat amounting to 194,614 bus. was exported during the ten months prior to Nov. 1, against 50,931 bus. during the corresponding period of 1908.

Broomcorn valued at \$296,601 was exported during the ten months prior to Nov. 1, against \$208,734 during the corresponding period of 1908.

Malt amounting to 119,034 bus. was exported during the ten months prior to Nov. 1, against 130,027 bus. for the corresponding period of 1908.

Linseed oil cake amounting to 472,125,997 lbs. was exported during the ten months prior to Nov. 1, against 542,124,747 during the corresponding period of 1908, as reported by O. P. Austin, chief of the Bureau of Statistics.



## Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

### CANADA.

Ottawa, Ont., Dec. 15.—The final estimates of the crops of Canada for 1909 show a total wheat yield of 166,744,000 bus. averaging 59.83 lbs. per bu. on a total acreage of 7,750,400 acres; oats, 9,302,600 acres, 353,466,000 bus. averaging 35.65 lbs. per bu.; barley, 1,864,900 acres produced 55,393,000 bus. averaging 47.09 lbs.; 91,300 acres of rye produced 1,715,000 bus. averaging 54.53 lbs.; peas, 393,300 acres, 8,145,000 bus., 60.92 lbs. per bu.; buckwheat, 282,440 acres, 7,806,000 bus., 47.73 lbs.; 582,100 acres of mixed grains produced 19,391,000 bus. averaging 44.39 lbs.; 138,471 acres of flax produced 2,213,000 bus. of flaxseed averaging 55.56 lbs. per bu.; beans, 55,970 acres, 1,324,600 bus., 60.23 lbs. per bu.; and corn for husking, 352,570 acres, 19,258,000 bus. of an average weight of 57.80 lbs. against 6,610,300 acres of wheat in 1908, which yielded 112,434,000 bus. averaging 59.10 lbs. per bu.; oats, 7,941,100 acres, 250,377,000 bus. of an average weight of 35.47 lbs.; barley, 1,745,700 acres, 46,762,000 bus., average weight 42.02 lbs.; 100,350 acres of rye produced 1,711,000 bus. averaging 55.58 lbs.; peas, 412,900 acres, 7,060,000 bus., 57.25 lbs.; buckwheat, 291,300 acres, 7,153,000 bus., 47.49 lbs.; mixed grains, 581,900 acres, 19,049,000 bus., 45.25 lbs.; flax, 139,300 acres, 1,499,000 bus. seed averaging 54.23 lbs.; beans, 60,100 acres, 1,245,000 bus., 59.13 lbs.; and 366,200 acres of corn for husking produced 22,372,000 bus. averaging 59.59 lbs. per bu.—Archibald Blue, chief of the Census & Statistics Office, Dept. of Agri.

### ILLINOIS.

Secor, Ill., Dec. 23.—Much corn is moving here at present. I am bidding 42c for oats and 56c for corn.—N. N. Hettinger.

Shawneetown, Ill., Jan. 5.—Very little wheat is left in first hands at this point; also 75% of the corn crop has moved.—M. F. Strickland.

Burnside, Ill., Dec. 29.—Crops were fair but the corn is down bad and much of it is still in the fields.—J. W. Buthier, proprietor Burnside Eltr. Co.

Sheldon, Ill., Jan. 6.—All our corn is grading No. 4, 25% of the corn and oat crop in farmers' hands.—W. W. Wilson, mgr. Sheldon Elev. Co.

Iroquois, Ill., Jan. 6.—About 75% of the corn and 25% of the oat crop in farmers' hands. All of our corn is grading No. 4.—L. T. Hutchins.

Donovan, Ill., Jan. 5.—About 75% of corn crop in farmers' hands, grading No. 4, too much moisture.—F. W. Anderson, mgr. Donovan Grain Co.

Sheldon, Ill., Jan. 6.—About 80% of the corn in farmers' hands, 40% of the corn shipped from here graded No. 3, 60% of the oats back.—Blshopp Hominy Co.

Manteno, Ill., Jan. 4.—Almost all of our corn grading No. 4; 50% of the corn is in farmers' hands, about 15% of the oats back.—Leon Euziere.

Peotone, Ill., Jan. 4.—About  $\frac{1}{2}$  of the oats in farmers' hands and  $\frac{3}{4}$  of the corn crop. All our corn is grading No. 4 and no grade.—Wm. Brandt & Co.

Monroe, Ill., Jan. 4.—About 60% of corn crop in farmers' hands, we haven't had any corn grading, everything is No. 4 and no grade.—A. & C. Schwiesow.

St. Anne, Ill., Jan. 5.—One car of corn out of a hundred is grading No. 3. About 50% of the corn and 20% of the oat crop in farmers' hands.—Hughes Bros.

Kankakee, Ill.—A large percent of our corn is grading No. 4 in Chicago, while in southern and other markets there seems to be no trouble in it grading No. 3.—W. E. Rich.

Donovan, Ill., Jan. 5.—We haven't shipped a car of corn which graded No. 3, everything grading No. 4. About 75% of the corn crop in farmers' hands.—John Nelson.

Franklin, Ill., Jan. 7.—Considerable corn in this section is yet in the field. An increased acreage was sown in wheat last fall.—Jno. W. Shirley, Shirley & Ryan, Clements sta., Murrayville p. o., Ill.

Sheldon, Ill., Jan. 6.—Fine corn crop averaging 60 bus. per acre, good quality but damp. About 50% of the corn and oat crop in farmers' hands.—H. D. Bowles, mgr. Cleveland Grain Co.

Monroe, Ill., Jan. 4.—Over half of the corn is in farmers' hands, all we have shipped so far graded No. 4 and no grade. About  $\frac{1}{2}$  of the oat crop is in farmers' hands.—Geo. S. Miller.

Kankakee, Ill., Jan. 4.—Wheat is fine, acreage compared with last year is 120%, good stand. About 50% of the corn in farmers' hands, 10% of the corn which we shipped so far graded No. 3.—Risser-Rollins Co.

St. Anne, Ill., Jan. 5.—Plenty of grain in elevators, but can't get cars. Most of our corn is grading No. 4, none grading No. 3, 50% of the corn and oat crop in farmers' hands.—A. R. Tunks, mgr. Tegge Grain Co.

Manteno, Ill., Jan. 4.—Wheat is getting along very nicely, acreage is 130%; very good stand. About 75% of the corn in farmers' hands, very little grading No. 3, mostly No. 4.—H. F. Addams, West Bros. Grain Co.

Dawson, Ill., Dec. 8.—Big movement of corn commencing now, pretty fair condition, same size crop as last year. Oat crop twice as large as last year, test 29 lbs., almost all shipped out.—J. A. Havey, agt. E. B. Conover.

Kankakee, Ill., Jan. 4.—About 75% of the corn crop in farmers' hands, not over 30% of the corn shipped graded No. 3, but will likely grade better in ten days, 40% of the oats back.—P. H. Elcan, supt. Bartlett, Patten & Co.

Homer, Ill., Dec. 4.—Almost all of the oat crop has been shipped, weight 30 lbs. per bu. Crop is about the same size as last year. Condition of corn is good, big movement commencing now, same size crop as last year. We are paying 50c a bu.—J. M. Current.

Chatham, Ill.—Not more than 20% of oat crop to be shipped, test 29 lbs. per bu., twice as large a crop as last year. Corn crop is 50% larger than last year, big movement now, condition is fair to good. Farmers selling freely. We are paying 52c a bu.—T. H. Maddox, mgr. Chatham Eltr. Co.

Bloomington, Ill., Nov. 24.—About 40% of the new corn is already sold for winter shipment. Just at present farmers are busy filling their contracts and will not sell any more now. Better corn crop than expected.—W. C. McGuire, sec'y Baldwin, Walker & Tankersley.

Buffalo, Ill.—Practically all of the oats in this section has been shipped out, test 30 lbs. per bu., 10 bus. more per acre than last year. Corn crop is the same size as last year, big movement now, condition pretty good, quality fair, farmers selling quite freely.—N. H. Mathews, agt. E. B. Conover.

Seymour, Ill., Dec. 3.—Oat crop about 2 bus. larger to acre, weight 30 lbs. per bu., 1/5 remains to be shipped. Acreage of wheat sown this year compared with last is 133 $\frac{1}{3}$ %, condition of growing wheat is excellent. Corn crop as large as last year, big movement commencing now, condition is very good, but little soft on account of weather. One-third of the farmers will hold; paying 50c.—Johnston & Karr.

Brokaw, Ill., Nov. 24.—One-half of oat crop remains to be shipped, average 32 to 34 lbs. per bu., nearly three times as large a crop as last year. Corn crop is about the same size as last year, big movement will commence as soon as weather and roads permit. Farmers holding what they can, one-third of crop is already sold, quality is extra fine, but too much moisture.—J. C. McCord.

Fithian, Ill., Dec. 6.—Fully  $\frac{3}{4}$  of oat crop remains to be shipped, test 32 lbs. per bu., crop is little larger than last year. Corn crop is about the same as last year, big movement in Jan. and Feb. Farmers selling quite freely. We are paying 50c a bu. Condition is not as good as it would have been if we had freezing weather, little damp on account of farmers gathering early.—J. C. Freeman, Agt. Gale Bros. Co.

### INDIANA.

Ft. Wayne, Ind., Jan. 4.—Oats are not moving freely—are holding for big raise—we are getting more corn.—Ben Levy of Nathan & Levy.

Earl Park, Ind.—Haven't had a car of corn grade No. 3 so far out of the 100,000 bus. shipped, 50% of the corn and 40% of the oats back.—Flinn & Gaunt.

## St. Louis Merchants Exchange Elects M. W. Cochrane President.

One week following his nomination by acclamation for the office of president, Manning W. Cochrane, on Jan. 5, was elected head of the Merchants Exchange of St. Louis. As was evidenced by his unanimous nomination, Mr. Cochrane is a popular man in the grain trade of the big Mississippi river city and the honor conferred upon him will meet with the warm approval of his many friends in the trade outside of the Missouri metropolis. With Mr. Cochrane at the head of the institution a very successful administration of the affairs of the Exchange is anticipated.

Mr. Cochrane, whose photograph is reproduced herewith, is 41 years old. Twenty-one years ago he became connected with the grain business while associated with his father, Thomas Cochrane of Lincoln, Neb., who operates a line of elevators on the Burlington road in Nebraska. It was on this line that the younger man, who has now risen to such prominence in the business, bought grain for fourteen years. He came to St. Louis a little more than seven years ago and established the Cochrane Grain Co., of which he is president.

Mr. Cochrane always has taken an active interest in the affairs of the Merchants Exchange and has served it in various capacities. For five years he was in the Department of Weights and for the last three years has acted as chairman of that committee. Four years ago he was elected a director of the Exchange and has steadily advanced in his work to the point where the most important post in the gift of the Exchange has been conferred upon him.



Manning W. Cochrane, St. Louis, Mo.  
Pres. Merchants Exchange.



Delphi, Ind., Jan. 7.—Wheat is looking good, acreage is 15% larger than last year, good stand. About 60% of the corn and 20% of the oats back, one-half of our corn is grading No. 3.—Donlin & Ryan.

Earl Park, Ind.—One-half of the corn and 45% of oat crop is in farmers' hands. Almost all of our corn is grading No. 4, fine quality but little too damp.—Caldwell-Barr Co.

Clarks Hill, Ind., Jan. 8.—Wheat looks pretty good, acreage is short, good stand. All of our corn graded No. 3 so far, 75% in farmers' hands.—E. Sagers, Agt. Mollett Grain Co.

Fowler, Ind., Jan. 6.—About 30% of the corn and 15% of the oats in farmers' hands. All of our corn grading No. 4, we haven't had a car of corn which graded No. 3.—Van Natta Bros.

Thorntown, Ind., Jan. 8.—Most of our corn is grading No. 4 and sample, 75% in farmers' hands. Wheat looking fine, acreage is 10% larger than last year, very good stand.—R. S. Stall & Co.

Clarks Hill, Ind., Jan. 8.—Wheat is looking fine, same acreage as last year, excellent stand. Most of our corn is grading No. 4, 40% of the corn and 20% of the oats in farmers' hands.—A. Grove.

Thorntown, Ind., Jan. 8.—Wheat looking very good. 25% larger crop than last year, good stand, one-half of our corn is grading No. 3, 50% of the corn and 25% of the oats in farmers' hands.—McBane & Witt.

LaFayette, Ind., Jan. 7.—Wheat acreage compared with last year is 130%, fine stand. About 75% of the corn and 20% of the oats are in farmers' hands, most all of our corn is grading No. 3.—J. T. Higgins.

Lebanon, Ind., Jan. 8.—Wheat looking good, almost double the crop we had last year, stand was good. About 50% of the

corn and 20% of the oats in farmers' hands, one-half of the corn we shipped graded No. 3.—J. W. Witt.

Buck Creek, Ind., Jan. 7.—Acreage of wheat is 125% compared with last year, fine stand, ice may kill it. About 75% of corn and 30% of oat crop is back; one-half of what we shipped so far graded No. 3.—Robt. Alexander.

LaFayette, Ind., Jan. 7.—This kind of weather will be hard on wheat, acreage is about the same, good stand; 60% to 70% of the corn is back, over one-half of the corn shipped graded No. 3.—B. Reynolds, Crabbs, Reynolds Taylor Co.

LaFayette, Ind., Jan. 7.—Wheat was getting along nicely, but we can't tell what effect this icy weather will have on it; acreage is 50% larger; good stand. Corn is grading No. 3 around here; 75% of the corn is in the farmers' hands.—Matt Schnaible Grain Co.

Huntington, Ind., Jan. 4.—Roads slippery last week and the heavy snow was responsible for less grain moving. There was a heavy movement before the snow and now that the roads are more passable expect heavier movement again.—A. A. Weber, Huntington, Ind.

Lebanon, Ind., Jan. 8.—Acreage of wheat is smaller because farmers couldn't get enough seed, poor stand, freezing weather will be hard on the wheat. Not over one-third of the corn we shipped graded No. 3, 50% of the corn and 20% of the oats back.—Jenkins & Cobee.

Delphi, Ind., Jan. 7.—Our corn graded No. 3 in November. We shipped some in December that had been cribbed a long time and was dryer than the corn we shipped in November; but the December shipment only graded No. 4. Ice now on the fields is going to be hard on the wheat and may kill it; acreage is the same as last year and the stand was excellent.—C. M. Kerlin & Co.

## The New President of the Kansas City Exchange.



Chas. W. Lonsdale, Kansas City, Mo. Pres. Board of Trade.

On Jan. 4, at the annual election of the Kansas City Board of Trade, Charles W. Lonsdale, head of the Lonsdale Grain Co., was elected president. In choosing Mr. Lonsdale for this important position the Kansas City exchange has placed at its head a man who is well known and popular in the grain trade. His success has come after a score of years of hard work and close application to business so is well deserved.

Mr. Lonsdale, a portrait of whom appears herewith, is 38 years old. He was born in England and brot up in Nodaway county, Mo. At the age of 18 he entered the grain business at Minneapolis with the Inter-State Grain Co., which concern afterward was absorbed by the Van Dusen-Harrington Co. He remained with the latter company for several years.

Five years ago Mr. Lonsdale removed to Kansas City, going there as the manager of the Home Grain Co., a Southwestern branch of the Van Dusen-Harrington Co. Last August, when that company disposed of its country elevators to the Midland Elevator Co., Mr. Lonsdale organized the Lonsdale Grain Co., of which he is president. This company does a general grain business.

Prior to his election to the office of president of the Kansas City Board of Trade, Mr. Lonsdale served that exchange in other offices, first as director and afterward as first and second vice-president.

In the selection of Mr. Lonsdale as president the Kansas City Board of Trade has chosen a man of energy and progressive ideas and one who will leave behind him a record as an excellent executive.

## KANSAS.

Culver, Kan., Dec. 22.—The weather is cold with no signs of a thaw, and  $\frac{1}{2}$  to  $\frac{3}{4}$  of the corn is still unhusked.—John E. Hughes, mgr. Culver Grain & L. S. Assn.

Blaine, Kan., Jan. 7.—Corn averaged about 25 bus. to the acre. Not much is moving; about half of it is husked and the balance of it is still in the field where, farmers report, much damage is done to it by rabbits and mice.—R. B. Shea of Shea Bros.

Greensburg, Kan., Jan. 3.—Think the wheat is O. K. Much was sown quite late. All sown early is good. I believe a larger acreage was sown in this locality than ever before. Not much corn here and considerable is still in the fields.—Joe Clark, mgr. Pratt Mill & Eltr. Co.

## MICHIGAN.

Lansing, Mich., Jan. 7.—Answering the question, "Has wheat during December suffered injury from any cause?" 17 correspondents in the state answer "yes" and 487 "no," and in answer to the question, "Has the ground been well covered with snow during December?" 437 correspondents answer "yes" and 64 "no." The estimated total number of bushels of wheat marketed in the five months, August-December, was 6,000,000.—Frederick C. Martindale, sec'y of state.

## MINNESOTA.

Tenney, Minn., Jan. 3.—Crops in this locality were exceptionally good the past season; wheat, 20-25 bus.; oats, 50 bus.; barley, 35; and, for the first time in its history, corn will be marketed at this station. Its quality is good.—W. J. McAlpin, sec'y Farmers Eltr. Co.

## NEBRASKA.

Moorfield, Neb., Jan. 6.—We have had genuine winter since Nov. 12. Lots of snow and the great acreage of winter wheat is in fine shape; a large per cent of the crop is still in the fields, snow-bound.—James Pearson, agt. Shannon Grn. Co.

## OHIO.

Lyndon, O., Dec. 29.—Wheat went into the winter in fine shape; is covered with 8 inches of snow; acreage 110%.—D. Gwynne Coyner.

Sidney, O., Jan. 5.—Grain is moving slowly. Roads are slippery and this no doubt has something to do with it.—E. T. Custenborder of J. E. Wells & Co.

Dayton, O., Jan. 6.—Some in my territory claim to have sold all their corn, others say they have delivered hardly any; roads are very slippery; farmers have plenty of money and don't have to sell.—Geo. S. Schaeffer.

Springfield, O., Jan. 7.—Grain moving slowly; prices on the climb and farmers are holding; they have papers daily and telephones and know what conditions are; in fact, they know more about it than we do.—Henry Ihrig, of John Ihrig & Sons.

Dayton, O., Jan. 6.—About 20% of the corn in this section has been delivered; farmers evidently are holding for 75c, the same as they received last summer; Dayton consumes all the corn within a radius of 7 or 8 miles.—J. W. Durst, Durst Mfg. Co.

Columbus, O.—Condition of corn in crib Jan. 1 compared with average years was 97%; in shock compared with average years, 93; amount not yet husked, 12%; amount that will be fed on the farm, 77%; condition compared with average years, 96.—Ohio Dept. of Agri.

Springfield, O., Jan. 8.—Grain has been moving slowly the last week; about 50% of the corn which will be marketed has been delivered; the talk about the farmers having so much money is not so; I am selling implements, too, and they have been hard up the last 2 or 3 years.—S. A. Muff.

Sidney, O., Jan. 15.—Haven't received much corn since Christmas. Guess the farmers are holding for 60c. When it was 45c they wanted 50 and when it was 55c they wanted 58. One farmer called me up today and asked the price and when I said 58c he asked when it would be 60. And then the roads are bad. Unless horses are sharp shod there is danger and perhaps it's better to hold the corn. About  $\frac{1}{2}$  is marketed.—Geo. Allinger, of Miami Valley Grain Co.

## SOUTH DAKOTA.

Scenic, S. D., Dec. 23.—Not much grain on hand; farmers are holding for higher prices.—H. O. Malby.

Chancellor, S. D., Jan. 3.—There is about 25% of the corn yet in the field; deep snow and severe cold weather have kept the farmers out of the corn fields.—C. W. Franks, agt. A. H. Betts.



### Up-to-Date Kansas Elevator.

The Southwestern Elevator Co., of Hardtner, Kan., is about to erect an elevator on the terminal of the railroad being built from Kiowa to Hardtner, and has had plans prepared for the up-to-date plant shown in the engravings herewith, representing cross section, longitudinal section and first floor plans.

The house will be cribbed, 36x30 ft. and 68 ft. high, with driveway 16x36 in lean-to. The crib walls are 36 ft. high, covered with galvanized iron. The six outer large bins are 10x12, two bins 10x6 and two bins 6x3 ft., the total storage capacity being 40,000 bus.

Detached 20 ft. is the concrete walled office and engine room, 24x24, divided by partition, the engine room having concrete floor and containing the 40-h.p. Columbus Gasoline Engine direct connected to main shaft.

Wagons are weighed on a 5-ton 14x8 scale and unloaded on 2 dumps, one for ear corn and the other for small grain. Cars are weighed on a 48-ft., 100-ton R. R. track scale and unloaded thru a car sink on side of house opposite the wagon dumps. From dump sinks and car sink two chain drags feed to No. 1 Ohio Sheller or cast iron elevator boots in basement. The dumps have cement bottoms and the ear corn dump has a hopper with steeper slope.

The wheat elevator has 8x5 cups and the corn elevator 12x7 cups, and both stands are driven by rope transmission from basement to cupola countershaft. The wheat leg discharges directly thru a 10-duct Hall Distributor, the corn leg into a No. 358 Eureka Corn Cleaner under which is another 10-duct Hall Distributor.

All the machines are equipped with friction clutch pulley drives.

On the main floor are a No. 178 Eureka Double Receiving Separator, oat clipper and No. 8 Bowsher Feed Grinder, the operator having at hand the two indicating rods of the distributors and the man-lift for an occasional run to the cupola. This house was designed by the P. H. Pelkey Construction Co.

### Imports and Exports of Rice.

Imports of rice, rice flour, rice meal and broken rice during the ten months prior to November 1 amounted to 189,243,463 lbs., against 189,303,516 lbs. imported during the corresponding period of last year.

Exports of rice, rice bran, meal and polish during the ten months aggregate 17,745,831 lbs., against 18,037,118 lbs. exported during the corresponding period of 1908.

Of foreign rice, rice flour, rice meal and broken rice we re-exported during the ten months 6,260,442 lbs., against 6,566,372 lbs., during the corresponding period of the preceding year, as reported by O. P. Austin, chief of the Bureau of Statistics.

### Cobs

Little Jack Horner was in a corner,  
Squeezing Miss May wheat.

Pa Bear saw the act, hit the market a crack,

And gave poor Jack cold feet.

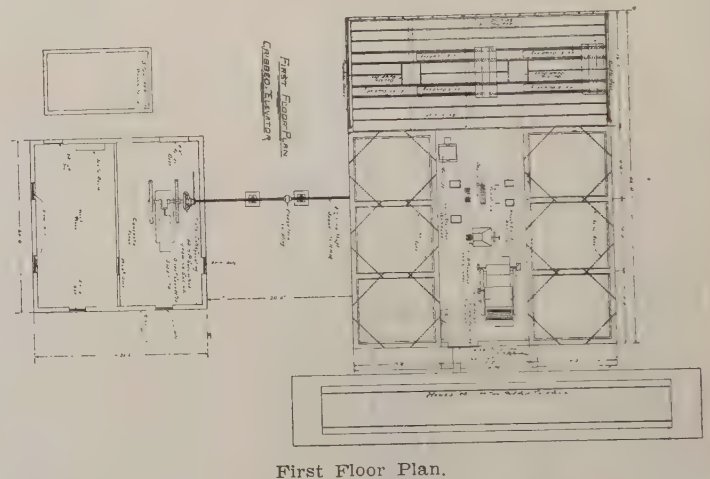
—Owen & Jennings, Lynchburg, Va.

I find valuable information in every copy of the Grain Dealers Journal—R. J. Heaton, Pierson, Ia.

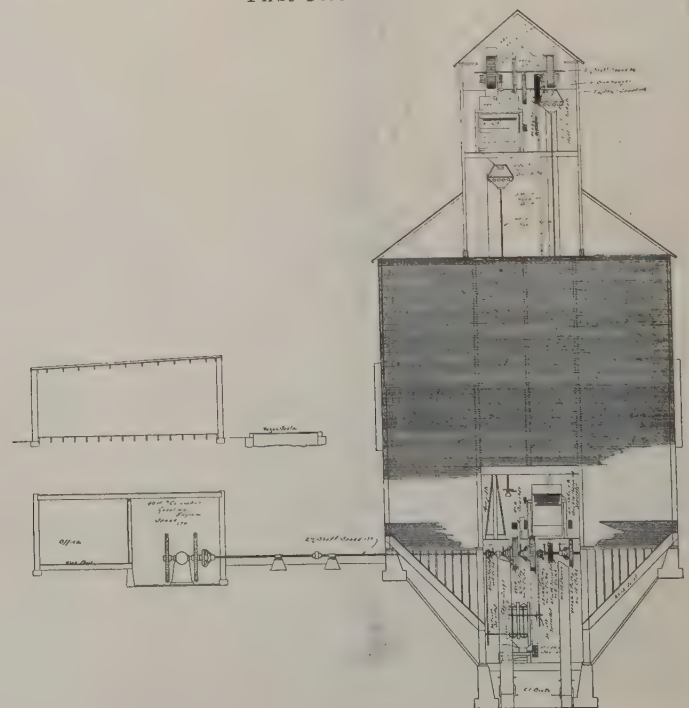
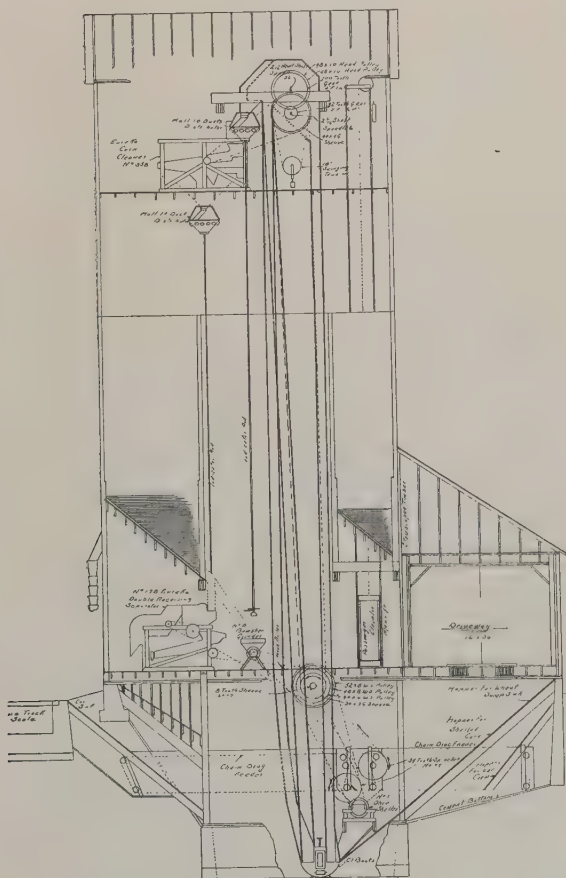
The customs tariff on grain entering the Island of Trinidad has been raised from 4d per bu. to 1s per 100 lbs.

Fibre produced from North Dakota flax straw in a recent experiment with flax not grown especially for that purpose was declared by experts to be of a very fine quality. Thru the development of the flax straw industry it is believed that a linen industry equal to the best in the world can be developed in that state.

A grain warehouse costing about \$130,000 will be erected at Meadowside, Glasgow, Scotland. Besides this improvement the Clyde Navigation Trust's management committee recently recommended that a granary be provided and erected back of the warehouse with two traveling elevators on the front of the quay,



First Floor Plan.



Longitudinal Section and Cross Section of Elevator to be Erected for Southwestern Elevator Co. at Hardtner, Kan.



all operated by electricity. Hitherto grain shipments, except for liners having their own facilities, have had to put up with antiquated facilities.

The case against the Updike Milling Co., charged by the government with selling impure flour contrary to the national pure food law, was dismissed.

The biggest carload of rice ever shipped over the So. Pacific was sent out from Jennings, La., by A. M. Arthur, buyer for the Nat'l Rice Mfg. Co., to its mill in New Orleans. The car contained 535 sacks.

A handsomely printed brochure of 16 pages advertising its business has recently been sent out by the Cleveland Grain Co. Engravings show the company's four elevators at Cleveland, Indianapolis, Sheldon and Champaign, Ill., and the company's methods of handling such specialties as seed oats, split cars and sacks, the jobbing trade and long time contracts are outlined briefly.

Lumber manufactured from grain straw is being promoted by a New York man, who claims to have spent \$100,000 perfecting a patent finishing material made from straw, and who recently visited a number of cities in the Northwest showing the farmers how they could find a new outlet. In the south there is increasing interest in the proposed manufacture of paper from rice straw.

The following have been appointed by the Nat'l Hay Ass'n as delegates to the conference on uniform state legislation, called by the National Civic Federation, to meet in Washington, D. C., Jan. 17-18-19: Charles J. Austin, New York; Charles England, Baltimore, Md.; H. G. Morgan, Pittsburg, Pa.; John B. Daish, Washington, D. C.; H. W. Robinson, Greenspring, O.; J. Vining Taylor, Winchester, Ind., and S. T. Beveridge, Richmond, Va.

Delegates to the weights and measures conference to be held in Washington Feb. 25-26 will be appointed from Minnesota if Gov. A. O. Eberhart can find any citizens who are sufficiently interested in the matter to take the trip to the capital. A request has been received by him from the Dept. of Commerce and Labor to name such delegates to the conference at which the adoption of uniform laws and standards thruout the United States will be considered.

A private rice mill recently erected on the estate of Lorenzo Gonzales Trevino, San Carlos, Mexico, has a capacity of 600 bags a day. One thousand acres of first class Honduras rice, producing 2,000,000 lbs., were raised this year on the Trevino estate, which comprises 35,000 acres just across the American border from Del Rio, Tex. The manager of the plantation says that 5,000 acres will be put in next year. The rice is shipped into the interior of Mexico, none being sent to the United States. A rice elevator will soon be erected on the estate with capacity of 100,000 bus.

W. G. Sewall, owner of 70,000 acres of land in British East Africa, recently visited Spokane, Wash., to make an investigation of the bonanza wheat fields in eastern Washington and Oregon and other sections of the wheat-growing country of the west. In an interview he said: "Fifteen thousand acres of land in British East Africa, owned by Lord Delamere and myself, is now under cultivation, crude as it is, being planted to wheat, and I am studying conditions here with the view to putting 55,000 acres more under the plow."

## Committees Grain Dealers National Association.

1909-1910.

**Executive Committee:** J. W. McCord, Chairman, Columbus, Ohio; Arthur R. Sawers, Chicago, Ill.; T. A. Morrisson, Kokomo, Ind.; A. G. Tyng, Peoria, Ill.; John F. Courcier, Toledo, Ohio.

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**Committee on Membership:** Geo. F. Powell, Chairman, St. Louis, Mo.; H. M. Stratton, Milwaukee, Wis.; Dan Joseph, Columbus, Ga.; J. E. Rahm, Kansas City, Mo.; Chas. Rockwell, Mt. Vernon, N. Y.

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**Committee on Legislation:** A. E. Reynolds, Chairman, Crawfordsville, Ind.; L. W. Forbell, New York, N. Y.; H. S. Grimes, Portsmouth, Ohio; J. C. F. Merrill, Chicago, Ill.; C. A. Magnuson, Minneapolis, Minn.

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**Committee on Demurrage:** E. W. Seeds, Chairman, Columbus, Ohio; C. S. Bash, Fort Wayne, Ind.; Geo. D. Montelius, Piper City, Ill.

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**Committee on Publication Arbitration Decisions:** H. S. Grimes, Chairman, Portsmouth, Ohio; C. C. Miles, Peoria, Ill.; E. M. Wasmuth, Roanoke, Ind.; Warren T. McCray, Kentland, Ind.; Adolph Gerstenberg, Chicago, Ill.

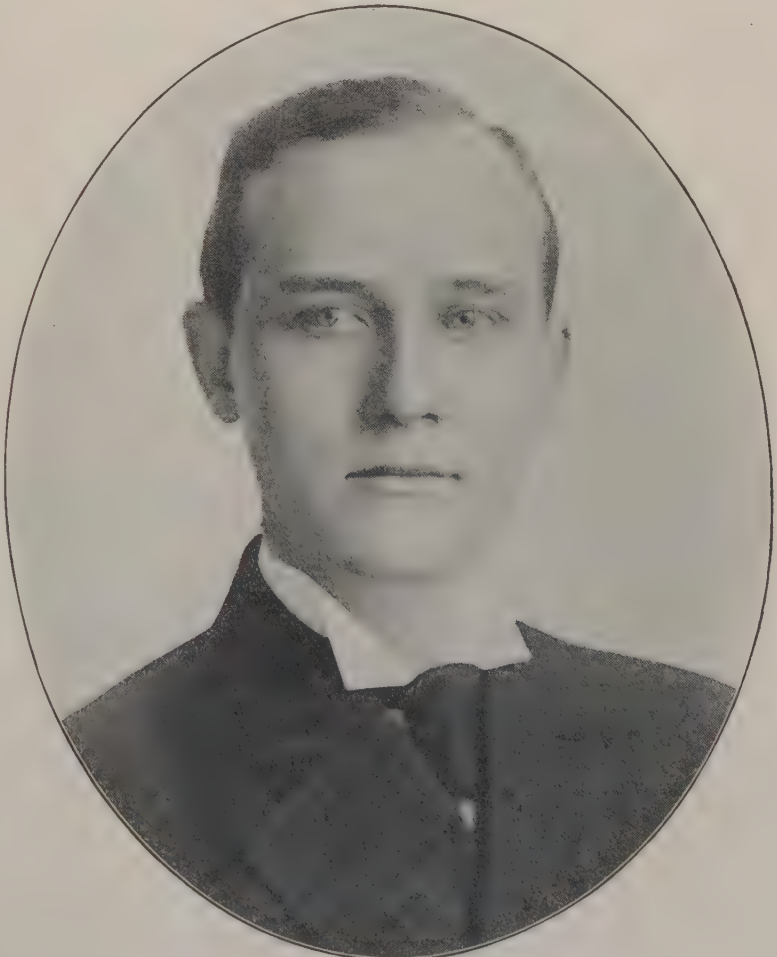
**Committee on Telephone and Telegraph Service:** Edward Beatty, Chairman, New York, N. Y.; Harry W. Kress, Piqua, Ohio; Harry H. Bingham, Louisville, Ky.; P. E. Goodrich, Winchester, Ind.; H. A. Hillmer, Freeport, Ill.

**Committee on Crop Reports:** Fred May-er, Chairman, Toledo, Ohio; B. A. Lockwood, Des Moines, Ia.; Buran House, Oklahoma City, Okla.; T. W. Swift, Battle Creek, Mich.; Bert Boyd, Indianapolis, Ind.; A. B. Beverstock, Lexington, Ohio; S. W. Strong, Pontiac, Ill.; E. H. Young, Evansville, Ind.; W. C. Goffe, Kansas City, Mo.; Mark Shultis, Boston, Mass.; C. E. Lewis, Minneapolis, Minn.

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## Frank P. Manchester.

The new secretary of the Omaha Grain Exchange was born in Omaha about 30 years ago and after considerable experience in the freight departments of different western railroads he was selected by the directory of the Grain Exchange to serve in the capacity of secretary. His work has shown an aptitude in grasping grain trade matters which gives promise of his becoming an able official.



Frank P. Manchester, Omaha, Neb.  
Sec'y Grain Exchange.



## Adulteration of Forage Plant Seeds.

The nature and forms of the adulteration of farm seeds is extensively treated in Farmers' Bulletin 382, by F. H. Hillman, ass't botanist, seed laboratory, Buro of Plant Industry, issued by the United States Dep't of Agriculture.

As a rule, the bulletin states, successful seed adulteration is made possible by the similarity existing between the inferior seed and that of the crop seed with which it is used. It often happens, therefore, that the adulterant used is the seed of some plant very closely related to the adulterated crop seed. The dealer who adulterates seed, asserts the bulletin, bases his faith on the success of the deception upon the very careless examination made, or the absence of any examination, of the seed by the average purchaser, including the majority of retail dealers. If, before purchasing, a careful examination of the seed offered for sale was made by all buyers, guided by a knowledge of the various adulterants used, seed adulteration would soon cease.

The writer cites as one of the commonest and most objectionable forms of adulteration the use of low grade screenings, consisting chiefly of miscellaneous weed seeds. In many instances, it is said, such adulterants have been purchased in foreign countries. The statement, often made, that low grade weedy screenings are imported for the purpose of recleaning before being marketed is without foundation, because the quantity of good seed to be secured would cost the dealer more, usually very much more, than the same quantity of good seed produced in this country. Such low grade seed, therefore, is unquestionably imported exclusively for use, either in competition with or as an adulterant of higher grade seed.

**RED CLOVER.**—In enumerating the different seeds of commercial importance and the adulterants used red clover seed is first considered. This seed is adulterated with imported yellow trefoil which resembles the clover seed very closely and may easily escape detection. Tests of red clover seed made at the laboratory of the department show that trefoil is used as an adulterant in variable quantities, sometimes exceeding 50 per cent. In the majority of cases it has amounted to more than 20 per cent. The close similarity between trefoil seed and red clover seed renders detection of the trefoil by the average purchaser improbable unless sought especially with the aid of a magnifier.

**ALFALFA SEED** is adulterated with trefoil essentially the same as in the case of red clover seed. The presence of the trefoil is even more obscured by the color of the alfalfa than by the color of the red clover and its detection is correspondingly less probable. Other seeds used in the adulteration of alfalfa seed are two kinds of bur clover, sweet or Bokhara clover, and old alfalfa seed. The latter may easily be detected owing to the contrast between the colors of old and new seed. Light, shriveled alfalfa screenings, imported for the purpose of adulteration, are described as totally worthless since the seed germs are imperfectly developed. Much of the cheaper imported alfalfa seed, which may be used for adulteration, carries many kinds of pernicious weed seeds which should not be introduced to localities where alfalfa is still an experimental crop.

**THE ADULTERATION OF ALSIKE** clover seed is confined chiefly to the use of low grade, weedy screenings, as shown in the engraving herewith. The use of such material is favored by the dark color and small size of the alsike seeds. For this reason many kinds of small weed seeds are obscured and therefore overlooked by the indifferent purchaser. Various evidences of the importation of such screenings have been observed at the seed laboratory of the Buro of Plant Industry.

Canadian grown alsike seed often contains considerable trefoil seed, since the trefoil plants are common in the fields of alsike. The lighter color and larger size of the trefoil seeds render them easily observable when mixed with alsike. If trefoil is present in considerable quantity in alsike seed, either adulteration or incomplete cleaning is indicated.

Since alsike clover and timothy ripen at about the same time, mixed stands yield a mixed seed crop. Most of the timothy can be separated from the alsike, but mixed lots often pass in the trade as alsike seed. While a timothy and alsike mixture may not be objectionable as a crop in some instances, the timothy amounts to an adulterant when the mixture is sold at alsike seed prices, which are three or four times higher than those of timothy.

The conspicuous green color of alsike seed distinguishes it from the seed of other clovers. Some seeds are very dark green, while others are light olive green and somewhat mottled. Old seed becomes brown. The seeds are smaller than those of red clover and somewhat oval heart shaped in outline. The form is practically the same as that of white clover seed, which is yellow or reddish yellow.

**ORCHARD GRASS SEED** is ordinarily adulterated by the use of meadow fescue or English rye grass seed, or both. Chess seed is sometimes used and in one instance 21 per cent of a sample consisted of Canada bluegrass seed. Chaff screenings make up a considerable part of some lots of orchard grass seed and as a rule the screenings contain various weed seeds.

**MEADOW FESCUE** seed is found commonly to contain the impurity of chess, or cheat and English rye grass seed is another adulterant employed. Old orchard grass seed or screenings are also at times mixed with it.

**KENTUCKY BLUEGRASS SEED**, the chief adulterant, is the seed of the Canada bluegrass which is not adapted to the purposes or crop requirements of the domestic grass. Poorly cleaned Kentucky bluegrass seed is likely to contain much light chaff devoid of seed. The deceptive nature of such chaff renders its use equivalent to adulteration.

**SEED OF REDTOP** appears on the market in two distinct grades under the trade names "fancy," "choice," or "reclaimed" and "chaffy" or "unhulled." The chaffy grade is variable in quality, sometimes containing very little good seed. Timothy seed is a common adulterant, particularly of the fancy or reclaimed grade. The best grades of redtop should be practically free from timothy and chaff.

**AWNLESS BROME GRASS SEED** is sometimes adulterated with either meadow fescue seed or with the seed of chess, or cheat. In some cases both kinds are present. In one lot examined at the seed laboratory meadow fescue and English rye grass seed were found amounting to more than 24 per cent of the lot.

## Exports of Hay.

Hay amounting to 49,880 tons was exported during the ten months prior to November 1; compared with 62,788 tons exported during the corresponding period of 1908, as reported by O. P. Austin, chief of the Buro of Statistics.

## Method of Handling and Grading Hay to Be Investigated.

The Directors of the National Hay Ass'n have authorized Pres. H. W. Robinson and Sec'y J. Vining Taylor to make a tour of the eastern terminal markets, in behalf of the organization, for the purpose of investigating their methods of handling and grading hay. The following is the trip as proposed which may be changed slightly to conform with railroad time tables: Columbus, O., Jan. 10; Pittsburg, Pa., Jan. 12-13; Baltimore, Md., Jan. 14-15; Washington, D. C., Jan. 16-17; Philadelphia, Pa., Jan. 19-20; New York City, Jan. 21; Boston, Mass., Jan. 24-25.

Mr. Robinson and Mr. Taylor will visit the different exchanges on the days named and will be pleased to meet any of the members of the ass'n who live not only in the cities mentioned, but in nearby towns.



Mixture of weed seeds commonly found in low grade alsike clover seed; a, alsike clover; b, white clover; c, red clover; d, yellow trefoil; e, Canada thistle; f, dock; g, sorrel; h, buckhorn; i, rat tail plantain; k, lamb's quarters; l, shepherd's purse; m, mayweed; n, scentless camomile; o, white campan; p, night flowering catch-fly; q, oxeye daisy; r, small fruited false flax; s, cinquefoil; t, two kinds of peppergrass; u, catnip; v, timothy; x, chickweed; y, Canada bluegrass; z, clover dodder; 1, mouse ear chickweed; 2, knot grass; 3, humbling amaranth; 4, rough amaranth; 5, heal all; 6, lady's thumb. (Enlarged.) After Hillman, Farmers Bulletin 382, U. S. Dept. of Agriculture.



## Plan of Ear Corn House.

In building its new elevator at Bellevue, O., the Bellevue Farmers Elevator Co. made special provision for the safe storage of a limited quantity of ear corn. The end and side walls of the crib are covered with wire screen of  $\frac{1}{2}$ -inch mesh.

In the engraving herewith the end wall of the crib is shown clothed with the wire screen as seen from the driveway. The crib is divided into three parts, and instead of wood, 2x4 studs, the wire is laid on 2x2 and  $1\frac{1}{2}$ x $1\frac{1}{2}$  angle iron, making a neater and stronger wall as well as permitting a free circulation of air. The heavier angle irons are vertical and the lighter metal forms the horizontal cross bars. Conveyors above and below feed to and from the cribs to the working house on the opposite side of the driveway, and the Western Corn Sheller is over the driveway. The cement floors of the cribs are raised 2 ft. at rear to slide the ears into the B. S. Constant Chain Drag.

The owners intend to keep white, yellow and mixed corn separate in the three cribs and the arrangement of the machinery permits loading out a car in the ear. Rehandling of ear corn naturally will shell off some kernels, and the objection to this method of loading ear corn was made known to the owners by the builder, Fred Friedline. The arrangement of cribs, drags and sheller is very convenient and well designed for the shipment of shelled corn, which is the usual practice.

## Record Prices for Flaxseed.

Present prices are certainly making history in flaxseed and linseed oil markets. As far as our recollection goes there has been nothing like it either in the price or in the action of the market. There has been a normal steady advance from around 1.72 or 1.73 and at the top the market looks tighter than it has at any time on the crop. The high price has been attractive to the few speculators who were long seed and they have simply sold out their seed.

It is extremely improbable that at the present time there is over 150 to 200,000 bushels of speculative long flax in the market and we are quite sure that speculative short sales are in excess of that amount and when one considers that eastern crushers are owners of fair quantities of May seed, it can be understood that the situation is very acute. Of course there is a considerable amount of May sold here that is represented by seed in the country. At the same time it seems to be fairly well settled now that all of the seed in the country will be required by Minneapolis against actual crushing requirements, but before going there it will be necessary to buy back the May hedged in this market.

At the present time there is not a bushel of flax in store at Duluth available for delivery on May sales, as all of the seed in store here is ordered out for shipment and will be taken out just as quickly as cars can be obtained.

Judging from the situation abroad and in Canada, not much relief can be ex-

pected from them as prices there are now relatively higher than our own.—*Commercial Record, Duluth.*

## Volume of Business at Chicago in 1909 and 1908.

The following statistics exhibit in condensed form Chicago's trade for the past two years and the changes in the volume of its business compared with that of 1908:

Board of Trade clearings in 1909, \$91,232,308; cars of grain inspected, 153,890; bus. of flour and grain received, 272,620,165; bus. of grain and flour shipped in 1909, 220,494,533; against \$78,539,952 of Board of Trade clearings, 168,431 cars of grain inspected, 280,412,488 bus. of grain and flour received and 222,783,275 bus. of grain and flour shipped during 1908.

While Board of Trade clearings increased \$12,692,356 in 1909 over the previous year the cars of grain inspected decreased by 9,541 and grain and flour both received and shipped decreased by some millions of bushels.

Cars of grain inspected in 1909 included 14,540 of winter wheat, 3,294 of spring wheat, 73,491 of corn, 49,674 of oats, 1,163 of rye, 16,728 of barley and 303 cars of flaxseed against 14,090 cars of winter wheat, 3,736 of spring wheat, 74,742 of corn, 56,476 of oats, 1,403 of rye, 17,984 of barley and 391 cars of flaxseed inspected in 1908.

## Omaha Receipts and Shipments.

The receipts and shipments of grain at Omaha during the last six months of 1909 and 1908, as reported by F. P. Manchester, sec'y of the Grain Exchange, were as follows:

	Receipts, Bus.		Shipments, Bus.	
	1909.	1908.	1909.	1908.
Wheat	6,408,800	10,594,800	3,153,000	7,759,000
Corn..	8,625,100	6,466,900	6,702,000	4,598,000
Oats..	5,817,600	9,540,800	3,876,000	6,264,000
Rye...	117,000	112,900	86,000	50,000
Barley	299,000	384,000	114,000	112,000

## Toledo Receipts and Shipments.

The receipts and shipments of grain and clover seed at Toledo during the last six months of 1909 and 1908, as reported by A. Gassaway, sec'y of the Produce Exchange, were as follows:

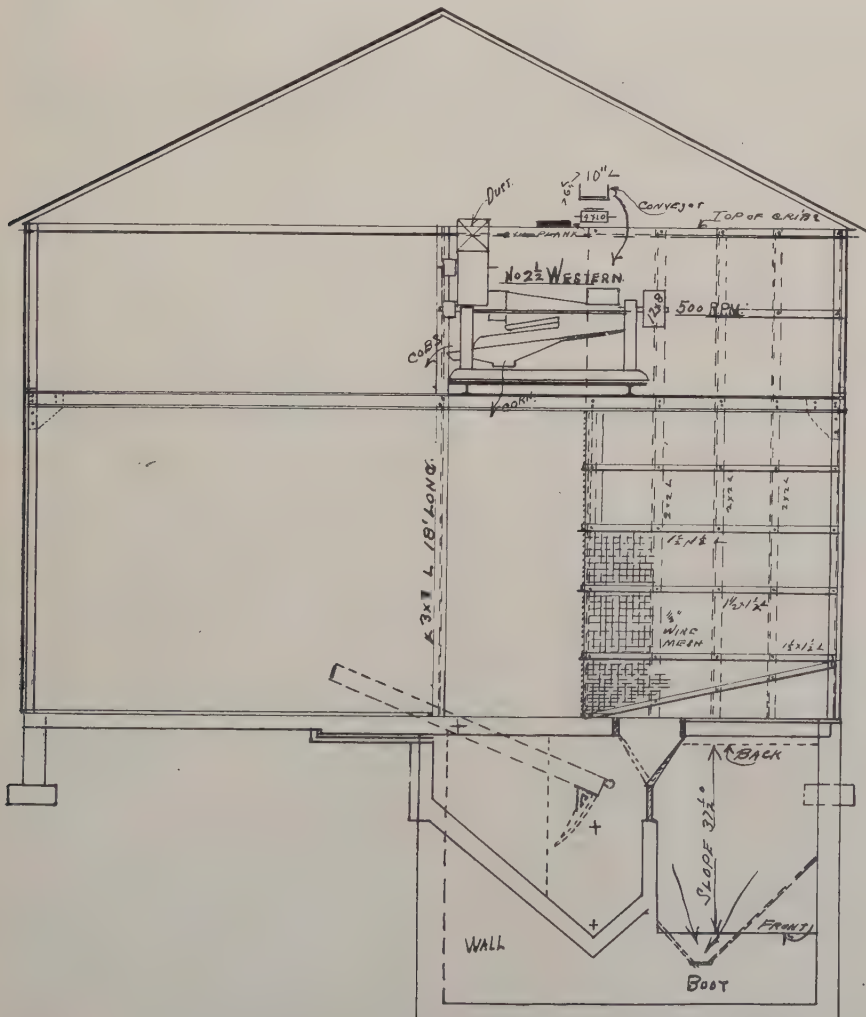
	Receipts, bus.		Shipments, bus.	
	1909.	1908.	1909.	1908.
Wheat	3,571,000	3,414,500	839,360	1,770,500
Corn	1,869,700	2,230,500	662,300	1,326,200
Oats	2,598,400	2,604,200	2,343,150	2,114,200
Rye	123,500	232,000	104,400	122,100
Barley	2,400	.....	900	.....
Clover seed, bags	28,993	88,984	6,845	43,550

## Detroit Receipts and Shipments.

The receipts and shipments of grain at Detroit for the last six months of 1909 and 1908, as reported by F. W. Waring, sec'y of the Board of Trade, were as follows:

	Receipts, bus.		Shipments, bus.	
	1909.	1908.	1909.	1908.
Wheat	1,882,866	1,735,392	114,754	69,801
Corn	1,526,959	1,369,657	552,991	617,112
Oats	1,645,580	2,356,273	291,716	890,463
Barley	408,426	543,500	2,612	.....
Rye	192,970	370,875	97,947	163,370

Pellagra has existed at the Illinois State Hospital in Peoria for years, is the opinion expressed by medical officers of the army sent from Washington to Peoria recently to investigate the disease. It is believed that heretofore the disease has not been recognized. Out of 175 cases of pellagra developed there during the last year 26 deaths occurred from May 1 to Aug. 10. All the patients were poor, and the belief is expressed that in all probability the cause of the disease was the use of immature corn.



Corn Cribs of Bellevue Farmers Elevator Co. at Bellevue, O.



# Grain Trade News

## ARKANSAS.

Little Rock, Ark.—The receivers of the T. H. Bunch Co. sold the plant of the Overstreet Grain Co., Dec. 29, to W. E. Overstreet and associates for \$17,523.

Little Rock, Ark.—W. C. Northern, formerly in the wholesale grocery business in Batesville, has moved to Little Rock and opened an office in the Board of Trade bldg. to deal in grain, flour and cotton seed products.

Arkadelphia, Ark.—The Arkadelphia Mlg. Co., whose plant burned last September, has let the contract to the Southwestern Engineering & Appraisal Co., for the construction of a 100,000-bu. storage eltr., a 500-bbl. flour mill and a 300-bbl. corn mill. The plant will cost more than \$75,000. Work has been started.

Argenta, Ark.—The St. L., Iron Mt. & Sou. Ry. Co. has purchased from H. K. Cochran and C. C. Kavanaugh, receivers for the T. H. Bunch Co., the interest they claimed in the eltr. the company used here, which was built under a lease between the railroad company and Mr. Bunch, entered into in 1904. In the fall of that year it was discovered it would take \$37,000 more than the original estimate to complete the eltr. according to plans. The R. R. Co. advanced this amount, for which Mr. Bunch gave his notes. Prior to the failure of his company Mr. Bunch had taken up one of these notes with interest. Under a ruling of the Interstate Commerce Commission in the case of the Brook-Rauch Mlg. Co., the R. R. Co. was directed to take charge of the eltr. When the Bunch Co. went into the hands of receivers the claim was made that the Bunch Co. owned the eltr. and the purchase is understood to be in the nature of a compromise. The R. R. Co. paid \$58,000 in cash and canceled \$27,000 in notes against the grain company. The R. R. Co. paid \$45,000 as the value of improvements placed in the eltr. by Mr. Bunch and \$13,000 for the \$10,000 principal and the \$3,000 interest Mr. Bunch had paid the company for the equity he claimed in the property. When the grain firm went into receivers' hands \$27,000 was listed in the liabilities as the amount due the R. R. Co. from Mr. Bunch for his equity in the eltr., which indebtedness the R. R. Co. canceled in the deal.

## CALIFORNIA.

Port Costa, Cal.—The Pacific Mlg. & Eltr. Co. will build an eltr. at this port.

Los Angeles, Cal.—The Pacific Mlg. & Eltr. Co. has obtained 350 ft. of waterfront here on which to erect a concrete eltr. G. L. Campbell, pres. of the company, states that a line of steamers will be run between Portland, Ore., and Los Angeles, for which three have already been chartered. The service will begin soon after Feb. 1. The freighters will carry grain down the coast and general cargoes on the return trip. The stockholders include a large number of farmers and business men in Oregon, Washington, and Idaho.

San Pedro, Cal.—The California & Oregon Grain & Eltr. Co. incorporated with a capital stock of \$250,000, of which \$200,000 is paid in, to handle grain in bulk by means of ships and eltrs., an innovation in the transportation of wheat for consumption in southern California. The company expects to effect a great saving in transportation charges.

San Francisco, Cal.—George W. McNear died at his home in Oakland, Dec. 29, after an illness of more than two years. He was born in Wiscasset, Me., in 1837. At the age of 15 he determined to learn navigation and went to sea. When 18 years old he was made a master and for six years commanded vessels on the Mississippi Sound. He then moved with his family to New Orleans, where he remained but a few years and came to California in 1860. With his brother, John A. McNear, he started in the commission business in Petaluma. That partnership was dissolved in 1870 and he started in the grain business in this city as the principal stockholder of the firm of George W. McNear, Inc. It was largely thru his efforts that the old Produce Exchange and Merchants' Exchange were consolidated, and he was twice elected pres. of the latter. He built large grain warehouses at Port Costa, and was the chief stockholder in the Port Costa Mill Co., the Port Costa Warehouse, and two other business enterprises there. Mr. McNear shipped most of his grain directly to England and was the best known wheat exporter in this state.

## CANADA.

Kipp, Alta.—A. L. Foster has finished a new eltr.

Eyebrow, Sask.—S. S. Corgill has started a grain and coal business.

Didsbury, Alta.—The Imperial Eltr. Co. has bot the eltr. of C. Hiebert.

Windthorst, Sask.—The Northern Eltr. burned recently with 20,000 bus. of grain.

Diamond City, Alta.—A. L. Foster of Lethbridge has just completed an eltr. here.

Shellbrook, Alta.—D. C. Knapp of North Dakota is considering erecting an eltr. here.

Lacombe, Alta.—The Lacombe Produce Co. has bot the eltr. of the Alberta Pacific Co.

Granum, Alta.—The Vancouver Mlg. & Grain Co. is building an eltr. here and one at Barons.

Sedgewick, Alta.—The Imperial Eltr. Co. will rebuild its eltr. that burned here early in Dec. at a loss of about \$25,000.

Kingston, Ont.—James Richardson & Sons, grain merchants, have incorporated as a joint stock company with \$750,000 capital.

Vancouver, B. C.—The A. B. C. Eltr. & Wharf Co., Ltd., has been incorporated with a capital stock of \$3,000,000 by E. H. and J. W. Heaps, T. H. Worsnop and others of this city and L. P. Strong of Calgary to carry on the business of grain growers and buyers and grain eltr. and warehousemen, including kiln drying, cleaning and manufacturing cereals and grain.

Carmangay, Alta.—The Candian Pacific has opened up a new grain field by the completion of its line from this station to Kipp. Six eltrs. are already on this new line.

Winnipeg, Man.—On the eve of his marriage recently, J. Dawson Richardson was presented by his fellow members of the Grain Exchange with a 3-deck, oak colored clock. Pres. George Fisher made the presentation.

Port Arthur, Ont.—The new cleaning eltr. of the National Eltr. Co., that will be constructed by the Barnett & Record Co., is intended to deal with the poorer qualities of grain, and a milling plant will be erected to make cattle feed.

Lethbridge, Alta.—The Western Farmers' Eltr. & Mlg. Co., recently organized with a capital of \$100,000, is offering the remaining 50,000 shares of its capital stock to the public, to build additional eltrs. at Burdett and Chin and a mill at Bow Island.

Montreal, Que.—The new grain conveyors over the Manchester and Reford Line sheds are practically completed. Telephones will be installed so the whole grain-conveying system from one end of the harbor to the other will be in communication with the central office in the Harbor Commissioners' Eltr.

Vancouver, B. C.—The C. P. R. has installed a grain-handling plant capable of handling 23 bushel sacks per minute. The cars are received at the bins and unloaded by an automatic electric power shovel into a steel receiving hopper with a capacity of 1,000 bus. or one car load. This receiving hopper contains the boot of a vertical eltr. 75 ft. high. The eltr. consists of a 36-in. belt to which steel buckets are attached, and is operated by a 30-h.p. motor connected by rope to the first countershaft. Each of the 4 bins is 24x40 and 50 ft. high; capacity, 16,000 bus. Beneath the bins are 4 automatic sackers and weighers.

Vonda, Sask.—Charges of infractions of the Grain Act were recently brot before a magistrate by J. H. Currie against James Govanlock of the British American Eltr. and by George Glover against Thomas McGowan of the Canadian Eltr.; both for appropriating cars that had been ordered by the complainants for their patrons. Some witnesses being absent, McGowan's case was not proceeded with and Glover paid the costs. Govanlock pleaded guilty and his lawyer asked that he be given a warning and be let off without a fine, as the Grain Act was broken all over the country. D. Manson, representing Warehouse Commissioner C. C. Castle of Winnipeg, was indignant, and said that if Mr. Castle had been there in person the fine would likely have been \$1,000, as he did not know of a point where the Grain Act had been as flagrantly violated as at Vonda.

Winnipeg, Man.—The committee of the Manitoba Grain Growers' Ass'n, appointed to co-operate with the government in drawing up a plan for government ownership of interior eltrs., presented to the cabinet a memorandum of their recommendations, Jan. 5, proposing that the provincial government shall assume the responsibility of providing the finances either to purchase the existing eltrs. or to build a new system, at an estimated cost either way of \$3,000,000. It is proposed that the eltrs. shall be made self-sustaining. The grain growers estimate that the following charges would provide sufficient revenue: 1½¢ per bu. for receiving,



cleaning and storing wheat, 1c for oats, 1½c for barley, and 2c for flax for the first 15 days with an additional charge of 1/30 of 1c per day afterwards. The committee recommends that a commission of three members, appointed by the government and the Manitoba Grn. Growers' Ass'n, shall be placed in charge, and outlines the work of this commission. If the eltrs. of the province can be bot a method of valuation is suggested; but if the present owners refuse to sell, then the commission should proceed to build a new system.

## CHICAGO.

Three carloads of wheat burned in the yards of the C. & N. Ry. in the evening of Dec. 22; loss, \$10,000.

John Wright is again back at work after a week in bed. His back was sprained in a fall and is rather stiff yet.

H. D. Wetmore has gone to Havana, whence he will sail later to spend the rest of the winter in the Mediterranean.

The Deputy Weighmasters' Ass'n, a mutual benefit organization, has been incorporated by W. J. McCarthy, Charles R. Peterson and Duncan L. Boden.

J. C. F. Merrill, George F. Stone and S. P. Arnot have been appointed delegates of the Board of Trade to the meeting of the National Board of Trade in Washington, D. C., Jan. 24.

Lawrence P. Good, at one time in the grain business and a member of the Board of Trade, died Jan. 6. He is survived by his widow, a married daughter and his son, Macey S. Good.

Traffic conditions are deplorable. Only 77 cars of corn and 34 of wheat were inspected Jan. 7, while it was alleged that about 10,000 cars of grain were headed for Chicago in tributary territory.

Eugene Purtelle, a broker, has begun suit in the Circuit Court against Emil W. Wagner, asking \$50,000 damages alleged to have been suffered by him as a result of utterances he says Mr. Wagner made against his business.

Harry Boore has resigned as a director of the Board of Trade because of press of business. He was elected a year ago and still had two years to serve. His resignation made seven directors to be voted for at the annual election, out of a directorate of 15.

A committee appointed by Board of Trade interests will go to Washington to see the Interstate Commerce Commission prior to its hearing on the transit privilege, Jan. 14. The committee will insist that the transit privilege, as now granted by the railroads, shall be continued.

S. H. Woodbury & Co. are settling up their affairs to retire from active business. This has been going on since the death of Daniel J. Murphy, the junior partner, Dec. 9. The senior partner, S. H. Woodbury, has made no plans for the future beyond endeavoring to place his working force in positions with other firms.

Stocks of hay at Chicago are down to a minimum, and even should we have a heavy run of shipments in the near future, we believe the trade would readily absorb same without prices being affected to any great extent. This applies to both timothy and prairie hay. There is practically no straw on the market, and shipments of any kind of good merchantable straw would be picked up quickly.—W. R. Mumford & Co.

The death of Noble Jones at Minooka, Ill., was announced Dec. 22. He was formerly a prominent cash grain man here, a leading member of the Chicago Board of Trade, and head of the firm of Noble Jones & Co., one of the largest grain receivers in the trade. He is credited with having originated the system of thru billing.

Henry C. Pollock, a member of the Board of Trade and manager of the milling department of the Quaker Oats Co., died Jan. 5, after a brief illness with stomach and spinal troubles. Tho Mr. Pollock was but 30 year old; he had been connected with the Quaker Oats concern for the last five years and had previously managed the Star & Crescent Mfg. Co.

Notice has been posted by the Board of Trade that "in order to meet the new features in rail rates effective Feb 1 and shortly thereafter, published by eastern railroads, the 'call' terms for shipment (February and later) will be 'track Chicago and Illinois proportional.' All local billed grain from this state and transmississippi lots can be handled as 'track Chicago.'"

Showing their appreciation of the efforts of John C. Shaffer of John C. Shaffer & Co. to establish a permanent grand opera company in Chicago, more than 500 representative business and professional men of the city and vicinity attended a banquet and reception tendered him Dec. 30, at which Gov. Deneen of Illinois and Senator Beveridge of Indiana were among the speakers.

The demand for Board of Trade memberships has been excellent; eight were sold recently within two days at \$2,450 net to the buyer. Jan. 6 a membership sold for \$2,650 net to the buyer, which included the 1910 dues and the special assessment. During 1909 the price ranged from \$2,400 to \$2,500, showing remarkable steadiness. During 1908 the price ranged from \$2,100 to \$2,675.

The buildings of the first unit of the new plant at Argo, Ill., of the Corn Products Refining Co. will be completed late this month. This plant suffered a \$100,000 fire last November. Machinery will be installed soon after completion and everything will be made ready to begin the manufacture of starch early in the spring. The company's plant at Indianapolis will then be abandoned.

Mrs. Helen G. Burlingame, widow of Rufus P. Burlingame, Chicago's pioneer eltr. owner, died in Springfield, O., Dec. 29, aged 88. In 1850 she came to Chicago with her husband, who built the first grain eltr., "the Fulton," in the city near where the Rush St. bridge now is. He was in the eltr. business many years and left here 15 years ago to live in Springfield. He died six years ago. His widow is survived by four married daughters, two of whom live in Cleveland and two in Chicago, and two sons, Frank and Arthur G. Burlingame of Cleveland.

Moisture testing equipment has been installed by the State Grain Inspection Department across the hall from the grading rooms on the 8th floor of the building. From each sample of corn 100 grams are weighed for test on a delicate torsion balance and boiled in 150 cubic centimeters of oil to 190 degrees centigrade. Each of the two machines will hold 6 flasks of boiling oil at one time, giving a capacity of 12 tests in 20 minutes. On Jan. 3 forty tests were made. The testing is carried on by Inspector T. K. Canfield who works behind a wire screen partitioning off the room from the hall.

The Illinois State R. R. & Warehouse Commission has forbidden the mixing of kiln-dried corn with green No. 4 or No. 3 corn to make a mixture that will grade contract. Some mixers have taken corn kiln-dried to about 14% moisture and mixed it with corn containing 18% moisture, thus making an average moisture of about 16%, bringing it within the limit of contract corn. This is regarded as a dangerous practice. No formal order has been given but Chief Cowen has directed that "no corn shall grade No. 2 that is mixed with green corn or corn that has been kiln dried." The prohibition applies only to the mixing. A good quality of No. 3 all of which has been uniformly dried to reduce the percentage of moisture to that permissible in No. 2 will be given the No. 2 grade on its merits.

Membership in the Board of Trade has been applied for by Ezra L. Southworth, William H. Morehouse, John Wickenhiser, Clarence H. Clarke, John C. Daves, Edward J. Sullivan, Harry H. Langenburg, John S. Dickerson, Edward L. Camp, Samuel Nast, Ira D. Hough, Thomas J. Friel, Hugh S. Paterson, J. Murdock Dennis, and Frank W. Hammer. Nathaniel P. Rogers, James W. Davidson, W. S. Cargill, George A. White, Hayden W. Ward, John Gledhill, J. Clarke Dean, Daria Slade, Alexander D. Nast, Josiah B. Reeme and the estates of Henry Stolz and Daniel J. Murphy have applied for transfer of membership. The directors recently admitted to membership were William F. Sieben, Moses C. Carnahan, Peter S. Theurer, Louis P. Goldsborough, Guy C. Shepard, James A. Cavaney, Edwin A. Strong and Todd W. Lewis.

John A. Bunnell, the retiring pres. of the Board of Trade, is highly esteemed by Board of Trade officials as shown in the following resolution recently adopted by the directors: "Mr. Bunnell has occupied the position of director of the board for three years and vice pres for two years with signal ability. He was chosen without opposition its executive officer for the year 1909. The duties of this high office, oftentimes onerous, exacting, and most delicate, he has discharged with rare judgment, and solely in view of the highest interests of the association and the immense and world wide commerce it represents. His presidency has been distinguished by a courageous and unhesitating loyalty to the principles set forth in the charter of the board and to the declared objects of the association. As our presiding officer he has never failed to show courteous consideration for the opinions of others without in the least compromising his own conscientious convictions. We sincerely regret the severance of our official relations with President Bunnell, and extend to him our heartfelt good wishes."

Three important amendments to the rules of the Board of Trade were adopted by ballot vote of the members, Jan. 4. The first carried by a vote of 367 to 53; it provides that Section 2 of Rule xxi shall be so amended as to provide that deliveries of grain, flaxseed and provisions made prior to 11:00 o'clock a. m. at the office of the clearing member who has the property purchased, be made by "Delivery Notice," and surrounded with all the other safeguards that attach to deliveries in the Exchange Hall of the Board. The second amendment was carried by a vote of 253 to 170; it provides that Section 2 of Rule x shall be so amended as to increase the transfer



charges on memberships from \$25 to \$100; and to provide that the income derived from the transfer of memberships be applied by the directors to the payment of the bonded indebtedness of the Ass'n. As the number of transfers is large every year a substantial sum will be realized from this source. The third amendment aims to prevent members from forming business alliances with members of the bucket shop fraternity who have in some instances obtained the Board's quotations in that way. It was carried by a vote of 345 to 75. It is designated as Section 34 to be added to Rule iv and provides that whenever it shall appear to the board of directors that any member has formed a partnership with one or more persons, not members of this Ass'n, and that thereby the interest and good repute of this Ass'n may suffer, the board of directors may, after investigating the facts of the case, require said member to withdraw from such partnership; and if he shall fail to do so within a reasonable time to be fixed by the board of directors, he shall be suspended from all the privileges of this Ass'n until he shall have severed his connection with such partnership.

Wage conferences between Chicago switchmen and the committee of general managers of the railroads resulted in an agreement, Jan. 5, to arbitrate under the Erdman law, which carries the controversy to Washington, D. C., where a meeting will be held Jan. 12, between representatives of both sides, Chairman Knapp of the Interstate Commerce Committee and Charles P. Neill, commissioner of labor. Should their mediation fail, arbitration will begin under the Erdman law by each appointing an arbitrator. These two will select an umpire or, if they fail to agree, Commissioners Knapp and Neill will then select the third member of the arbitration board. The switchmen's specific demands include an advance of 6c per hour in wages at all points on the Chicago lines; 10 continuous hours or any portion thereof to constitute a day's work with overtime at the rate of time and a half; no crew to be compelled to work more than 12 hours in any 24, and pay at the rate of time and a half for Sundays and legal holidays. The decision will affect between 14,000 and 16,000 switchmen and others employed in Chicago's terminal yards, but has no bearing on the switchmen's strike in the Northwest, tho these strikers are members of the same union.

Of the 797 votes cast at the annual election of officers of the Board of Trade, Jan. 3, Pres. A. Stamford White received 795. Frank M. Bunch was elected 2nd vice pres, by 784 votes. Of the directors elected for the 3-year term Albert E. Cross received 701 votes; Alexander O. Mason, 720; Robert E. Tearse, 698; Edward F. Leland, 670; and William S. Dillon, 579. Willson H. Perrine and David A. Noyes were elected to fill one-year vacancies caused by the resignation of Ben B. Bryan and Harry Boore. The eight other directors are Edward Andrew, Allan M. Clement, Samuel P. Arnot, James C. Murray, Ernest G. Brown, Charles Schneider, John C. Wood and Charles P. Randall. Michael P. Kelly, Horace G. Newhall, Robert W. Carder, Henry M. Paynter and Henry A. Rumsey were elected members of the Committee of Appeals for the full term and John R. Mauff and Truman W. Brophy, Jr., were elected to fill one-year vacancies caused by the retirement of Willson H. Perrine and Alexander O. Mason. The other

three of the ten members are John Tredwell, Fred A. Paddleford and G. Willard Hales. Half the Committee of Arbitration was elected for a term of two years: Joseph W. Badenoch, Francis L. Schreiner, Francis B. Fox, Arthur S. Jackson and William E. Hudson. The other members are Ralph H. Schuster, Edward A. Doern, James J. Fones, Howard Field and John R. Leonard. These, with 1st Vice Pres. John C. F. Merrill, constitute the 38 officers for the year 1910. Less interest was manifested in this election than for more than 40 years, due to lack of opposition. Only one ticket was in the field with only two contesting candidates, both for the directorate, Sam Finney for the short term and Henry D. Sturtevant for the full terms of three years. As Mr. Sturtevant's affairs seldom call him on 'change, many members regard him as more allied with stock than with grain interests; but he ran well and was defeated by only seven votes for William S. Dillon who was put on the ticket by petition. As Michael P. Kelly had complained that this was no campaign for an Irishman because it lacked contest, his friends put some fun into it by a neat poster painted in vivid green, explaining that "half the lies told about the Irish are not true."

Representatives of railroads operating in Illinois appeared before the Illinois R. R. & Warehouse Commission, Jan. 6, and asked that the commission make its own collections for grain inspection, instead of gathering dues thru the railroad as has been done heretofore. From the time the commission was created the inspection charge of 35c per car has been collected by the railroads at the time of collecting the freight. This was turned over to the commission after 5% had been deducted for the cost. Beginning Dec. 1, 1909, the commission raised the inspection charges to 50c a car and reduced the rate paid the railroads to 3%. The representatives of the roads announced they could not collect any longer for that percentage. An offer was made by the railroads to continue doing the work provided they were given 5% as heretofore. The commission will decide, Feb. 1, whether to grant the railroads' demands or put collectors of their own in the field. This fight by the roads comes with poor grace considering the work done by the inspection department in locating cars. One road especially loud in insisting upon the 5% never knows where to find its cars and would lose considerable traffic did not the grain inspection department report the location of the cars. The roads are using poor judgment in antagonizing the grain inspection department, since Chief Cowen is in position to designate certain tracks for inspection and to require the roads to move their cars about to suit the needs of the department instead of the state employees chasing all over the yards for them as at present.

### ILLINOIS.

Exline, Ill.—A. C. Hoag operates an eltr. here.

Lee, Ill.—Dickinson & Lewis have succeeded A. O. Anderson.

Waverly, Ill.—Hairgrove & Harrison have succeeded J. N. Hairgrove.

Hampshire, Ill.—Kirchoff Bros. have installed a new dump at their eltr.

Manteno, Ill.—We have put a new pulley in our elevator.—Wm. Brand & Co.

Watseka, Ill.—The Watseka Farmers Grain Co. has succeeded Rose & Jakle.

Hammond, Ill.—Bunyan & Evans have succeeded the Wm. H. Suffern Grain Co.

Elizabeth, Ill.—John Hesselbacher has succeeded N. A. Gault, the only grain dealer here.

Iroquois, Ill.—I installed a new Mar-seilles Sheller in my eltr. here.—L. T. Hutchins.

Dallas City, Ill.—The new eltr. under construction for Black & Loomis is progressing well.

Sheldon, Ill.—We have installed a Beall Rotating Grain Cleaner in our elevator.—Sheldon Eltr. Co.

Huey, Ill.—The name of the Carlyle Mill & Grain Co. has been changed to the Carlyle Milling Co.

Momence, Ill.—Hess & Garrett have leased and on Jan. 1 took possession of the eltr. of Bartlett, Patten & Co.

Sheldon, Ill.—We are figuring on putting in a new corn drier in our eltr. here.—H. D. Bowles, mgr. Cleveland Grn. Co.

Peotone, Ill.—We bot the eltr. formerly operated by Chris. Meyer at this place.—Wm. Brand & Co. and Deininger & Wilson.

McDowell, Ill.—The farmers have started buying grain here, where they recently purchased an eltr.—N. N. Hettinger, Secor, Ill.

Weston, Ill.—Wessels & Cooper recently bot the old eltr. here from J. P. Shearer of Fairbury, of the Shearer Grain Co., for \$272.

Manteno, Ill.—We contemplate remodeling our eltr. and installing some new machinery in spring.—H. F. Addams, West Bros. Grn. Co.

Chrisman, Ill.—I sold my grain business, Jan. 1, to F. K. Thayer who will continue it under the name of the Thayer Eltr. Co.—Oscar Jones.

Mt. Morris, Ill.—The Illinois state agricultural board has bot 20 acres in this vicinity, as a site on which to establish an experimental station.

Lincoln, Ill.—J. C. Diffenderfer of the Lincoln Grain Co. has ordered a motor of about 40-h.p. to replace the 15-h.p. motor now used in the eltr.

Girard, Ill.—Kime & Gibson have bot the eltr. of A. S. Harshbarger. They took possession Jan. 1. Mr. Harshbarger will go to New Mexico.

East St. Louis, Ill.—The Corno Mills Co., that suffered a \$90,000 fire loss, Dec. 13, has increased its capital stock from \$350,000 to \$500,000.

Buckhart, Ill.—Buckhart Farmers' Grain Co. incorporated with a capital of \$2,500 by S. J. Miller, H. C. Ratz and B. F. Stevens, to deal in grain and agricultural implements.

La Hogue, Ill.—The Farmers Eltr. Co., organized in July, has had such good business it is considering building an additional eltr. in the spring. Merton Parker is pres.; L. O. Lockwood, sec'y; and S. L. Zea, mgr.

Sutter Siding, no p. o., Ill.—The Farmers' Grain Co. of Sutter Siding incorporated to deal in grain, coal, live stock and building material; capital, \$3,700; incorporators, C. N. Sutter, Charles Graff and A. E. Brennemann.

Waterman, Ill.—Roy Wakefield, who has operated the grain eltr. here for some time, made a voluntary assignment, Dec. 23, to his adopted father, George W. Wakefield, who is among his several creditors. His liabilities are placed at \$10,000 and his assets \$1,000.



Bloomington, Ill.—The Lexington Grain Co. incorporated to deal in grain and farm produce; capital, \$6,000; incorporators, Isaac Livingston, A. P. Schantz, and L. E. Slick.

Burnside, Ill.—Last spring I bot the eltr. here and during the summer the one at Lacrosse, Ill., and am also interested in the one at Ferris.—J. W. Buthier, proprietor Burnside Eltr. Co.

Haldane, Ill.—The fire that destroyed the eltr. of the B. P. Hill Grain Co., Dec. 8, with six car loads of grain, lasted several days, even after a heavy fall of snow, as some coal was burning.

Varna, Ill.—J. W. Ford, Jr., of Chatsworth, Ill., succeeded Geo. Pearce & Co. at this point, Jan. 1. Mr. Ford is now here, ready for business.—F. N. Rood, mgr. La Rose Grain Co., La Rose, Ill.

New members of the Illinois Grain Dealers Ass'n are: The Alder Grain Co., Indianapolis and Lafayette, Ind., and Buffalo, N. Y.; Russell & Butler, Meridian, Miss., and the Stebbins-Witt Grain Co., Indianapolis.—S. W. Strong, sec'y.

Lockport, Ill.—Inability to obtain a clear title and lack of sufficient financial backing caused the dissolution of the Calumet Mfg. Co. that recently took over the oat and corn mill here formerly owned by John Norton, Sr., of Norton & Co.

Stonington, Ill.—The Stonington Farmers' Grain Co. will build a 50,000-bu. eltr. and will use the old steam plant from the eltr. that burned. L. O. Hickok & Son have the contract to build and the Burrell Eng. & Const. Co. has the engineering contract.

Clements sta., Murrayville p. o., Ill.—I have formed a partnership with M. G. Ryan to continue the grain and merchandise business here formerly handled separately. We operate under the firm name of Shirley & Ryan.—Jno. W. Shirley, Franklin, Ill.

Shawneetown, Ill.—The Shawneetown Eltr. Co., whose eltr. burned last fall, intends to build an up-to-date structure next spring on the former site. I am considering either remodeling my present eltr. or building a new one in the spring.—M. F. Strickland.

Champaign, Ill.—Supt. Frank L. Campbell has been at the University of Illinois negotiating with the faculty of the agricultural college for the operation of a seed and soil train over the Illinois lines of the Vandalia, intending to start the train early next month.

Kankakee, Ill.—Business very quiet on account of scarcity of cars. Most of our corn is going east, Chicago will not bid on anything but No. 3 while the East will bid cool and sweet corn. We think the moisture test is too severe for winter shelled corn.—Taylor Bros.

Harvey, Ill.—The working house of the eltr. plant of the Harvey Eltr. Co., operated by the Rogers Grain Co., burned to the ground early Christmas morning. The tile storage tanks remain intact; the grain therein contained was separately insured but was not damaged. The loss on the building and machinery, practically total, was about \$90,000, with \$73,000 insurance. The house, which was completed only about two years ago, was one of the most up-to-date plants of its kind in or near Chicago. It was operated entirely by electricity with separate motors for each application of power. The house will probably be rebuilt soon.

Mira sta., Urbana p. o., Ill.—H. N. Pell has purchased the eltr. of A. E. Silver. He took possession Jan. 1. Fred Silver, who has had charge of the eltr. for the past seven years, has retired to his farm in this vicinity. Mr. Pell lives on his farm and will operate the eltr. in addition to managing his farm.

Richmond sta., Lincoln p. o., Ill.—E. F. Verry & Son of Armington will erect a 12,000-bu. 1-stand eltr. at this place on the Illinois Traction line. The house will be cribbed, covered with iron and the motive power will be a gasoline engine. The Burrell Engineering & Constructing Co. has been awarded the contract.

Coles, Ill.—Farmers are organizing a grain and eltr. company. Much of the \$10,000 stock has been subscribed. The Shellabarger Eltr. Co. has offered to sell them the eltr. that formerly belonged to Wright & Major and was purchased by the Shellabarger Co. after the death, a few months ago, of Mr. Wright, the mgr.

Leesburg, Ind.—Last September P. M. Thompson sold his interests in the Leesburg Grain & Mfg. Co. to the other three members of the firm, that remains the same with the exception of Mr. Thompson, who managed the eltr. The company then put Wm. Baugher in charge. Mr. Thompson is now scooping corn. He has loaded one car and is trying to ship from cribs to car.

Peoria, Ill.—The last half hour of the last session of the Peoria Board of Trade for 1909, was given over, Dec. 31, to a good time. Sample sacks of grain flew in every direction, and had the ceiling been sticky but little grain would have littered the floor. Old and young members joined in the fun and each devoted his undivided attention to getting a good swat at some other fellow with a sample bag or with loose grain, whichever came handiest; and when the fun was ended what grain had not lodged in the hair or clothing of the members covered the floor a half-inch deep.

Alton, Ill.—The new 100,000-bu. grain tanks of the Stanard-Tilton Mfg. Co. are settling. Dec. 24 a small crack appeared in the base of the eltr., altho that tank contained but about half its capacity of grain and the owners purposed filling it to its full capacity at once. The walls of an adjoining building also began to crack and additional cracks appeared for some days. The alarmed owners summoned builders, who inspected it and said there was no immediate danger. A nearby hotel suffered considerable damage, the walls and roof cracked, the front windows became immovable and casements opened in wide cracks. The owners of the eltr. anticipated some settling of the structure, but did not expect it to settle unevenly nor did they foresee the effect on adjoining property.

De Kalb, Ill.—The advent of the year marked the passing of one of the oldest firms in this locality, George Terwilliger & Co. Mr. Terwilliger came here in 1869 and with Capt. Pollock as a partner built a grain eltr. Thru two changes caused by the death of Pollock and a brief association with Frank Smith, Mr. Terwilliger continued the business until 1873, with Mr. McEwen came into the firm, which was then operated under the name of L. M. McEwen & Co. Mr. Terwilliger, as the silent partner, guided this firm 27 years, when Mr. McEwen retired and one of Mr. Terwilliger's sons entered the firm, which then became George Terwilliger & Co., from which they now retire to attend to their farm interests. Mr. Terwilliger began his

business handling grain, seeds, building materials and live stock, and gradually changed it to meet changing conditions during 40 years until he recently dealt in coal and lumber.

## INDIANA.

Indianapolis, Ind.—The Cleveland Grain Co. is installing a Hess Drier in its eltr. here.—H. D. Bowles, mgr., Sheldon, Ill.

Winchester, Ind.—Goodrich Bros. Hay & Grain Co. has increased its capital stock from \$25,000 to \$75,000. John B. Goodrich is pres. of the company.

Colfax, Ind.—As I have bot of Mr. Ed Lee the eltr. here formerly owned and operated by Jordan & Conarroe, I will be located at this place instead of at Hamlet, Ind.—E. Ward Moore.

Bentonville, Ind.—I have sold a half-interest in my eltr. here to C. Rathfun. The eltr. is operated by Walter Rea, son of the late B. F. Rea who was a grain shipper here for many years.—J. S. Hazelrigg, Cambridge City, Ind.

Lafayette, Ind.—The annual short course for farmers will be held Jan. 10-15 at Purdue University. The Corn Growers Ass'n, which then holds its annual meeting here, will give a reception for all members of the course.—G. I. Christie, Supt. Agri. Extension.

Bippus, Ind.—Extensive improvements to the eltr. recently purchased by Mr. Myer of O. Gandy & Co. will be started in a few weeks. The building will be moved back from the track and enlarged to more than double its present capacity. Cleaning apparatus will be installed.

Indianapolis, Ind.—The Railroad Commission of Indiana on Jan. 6 adopted the uniform demurrage rules of the National Ass'n of R. R. Commissioners, to become effective March 1. These rules were published in the Grain Dealers Journal Nov. 25, pages 668 and 669.

Le Roy, Ind.—No other eltr. is under construction in this locality except the one we are building to replace that burned Nov. 18. It is very cold to work, but we have a good force of men now and are all at it nearly every day. We hope to be running in a couple of weeks.—Love Bros.

Pence, Ind.—The C. & E. I. R. R. Co., which owns and operates a branch line thru this section, has been unable to furnish the necessary cars to handle the grain from the eltr. of Pence & Goodwine, and as a result the firm has been hauling its grain to Stewart and shipping it over the C. I. & S.

Huntertown, Ind.—Directors of the recently incorporated Huntertown Grain Co. are Dr. Frank Greenwell, Charles Tilden and Charles Bleke of this place, and C. L. Egly and D. C. Welty of Berne, who are considering taking over an eltr. to do a general business in grain and grain products at Berne.

Milton, Ind.—J. Brumfield has a small flour mill in Milton, half a mile from the railroad, and is a scoop shoveler. He handles grain on a 2c margin. T. J. Connell is the only regular grain dealer now here. His eltr. is on the Big 4. J. R. Stafford dealt in grain here until Mr. Connell bot him out.

Decatur, Ind.—The new grain eltr. of the Bowers-Niblick Grain Co. is being pushed to completion and mechanics are busy installing the machinery. The scales will soon be set and the G. R. & I. R. R. has the cinders hauled for use in elevating the switch to the building. The exterior of the eltr. is covered with galvanized iron as a protection against fire.



Indianapolis, Ind.—A movement is on foot to bring the National Corn Show of 1910 to Indianapolis. The State Board of Agriculture, commercial bodies and Board of Trade are taking concerted action. It is pointed out that for years the prize for the best corn was carried away by Hoosier corn growers and in consequence the state is entitled to the 1910 show.—F.

Wheatland, Ind.—The Farmers Educational & Co-op. Union of America Eltr. Co. of Knox County, which was organized at Vincennes, Dec. 23, with a capital stock of \$20,000, elected W. W. Myers pres. and E. M. Smith sec'y-treas. and business mgr. Both reside at this place, where the company has purchased a site on which to build an eltr., storehouse and cribs.

Indianapolis, Ind.—At the first annual banquet of the Transportation Club of Indianapolis held in the Board of Trade Building Dec. 30, a strong sentiment was built up favoring co-operation of railroad officials and shippers in all matters that come up in the shipment of freight. The dinner was well attended and a very friendly feeling between railroad men and shippers was expressed during the evening.—F.

Ft. Wayne, Ind.—The farmers are beginning to raise bearded spring wheat in this county. Four years ago I introduced it here by giving away small amounts of this grain, 2 bus. in all. This year I sold 150 bus. and could have sold much more, but the farmers sold it among each other so I could not get more. It runs 20 to 21 bus. per acre and tests about 61 to 62 lbs. The contrary weather and lack of forests have resulted in many failures in winter wheat, freezing away, so this bearded spring wheat is meeting with favor more and more. I call this wheat "Tresselt's Indiana Spring Wheat."—H. C. Tresselt.

Ft. Wayne, Ind.—The third regular meeting of the Hay and Grain Producers and Shippers Ass'n was held at the Commercial Club Jan. 4 where Pres. H. H. Deam called the meeting to order at 7:30. It was decided that all complaints be put in writing. The report of the committee appointed to prepare a code of uncommercial conduct was presented and adopted. Contracts will be handed farmers for their signature and members will be supplied with contract blanks by Sec'y T. P. Riddle. The meeting adjourned at 10:40. Among those present were A. A. Weber and R. A. Brown, Huntington; Jos. Whitmer and Noah Amstutz, Grabill; Ransom Smith, Berne; G. M. Way, Ossian; J. S. McCroy and O. E. Tindall, Decatur; Conrad Erne, T. M. Hall and Frank Gorton, Tocsin; M. Apfelbaum, Columbia City; G. L. Arnold, Bluffton; C. E. Bash, and W. G. Winebrenner, Huntington; N. G. Shepherd, Geneva; Ben Levy, Ft. Wayne; L. M. McCreary, Decatur; Harry Bash and Jerry Carmer, Ft. Wayne; Lon F. Minsel, Haven; J. O. Herran, Markle, and E. M. Wasmuth, Roanoke.

## IOWA.

Sioux City, Ia.—I have removed from Jackson, Neb., to this city.—A. C. Carroll.

Plymouth, Ia.—An automatic weigher probably will be installed in the farmers' eltr. here.

Varina, Ia.—R. B. Lacey, who has been mgr. for the De Wolf & Wells Co. at Gillett Grove for some time, has bot the eltr. of the company at this point; his successor has not been appointed at the former station.

McClelland, Ia.—The grain office of T. E. Heald was burned in a fire Dec. 29 which destroyed four stores.

Chatsworth, Ia.—D. K. Bennett, formerly agt. of the Reliance Eltr. Co., has bot the eltr. of that company.

Boxholm, Ia.—The eltr. at this point for the Farmers Eltr. Co. has just been completed by the Younglove Construction Co.

Elkhorn, Ia.—The contract for the rebuilding of the eltr. of G. H. Bunton has been let to the Younglove Construction Co.

Des Moines, Ia.—The sixth annual convention of the Farmers Co-operative Eltr. Ass'n of Iowa will be held in this city, at the Coliseum, Feb. 3-4.

Winterset, Ia.—As soon as the weather permits we will build a 2-story warehouse, 110x50 ft., covered with corrugated iron, in which to handle our retail business in feeds and seeds. This building will contain a freight eltr., seed cleaning equipment and mixing machinery for poultry feeds, for which we are now in the market. New warehouse will be located on our own ground, 132 x132 ft., on railroad siding within a block of the center of the business district.—M. Young & Co.

## KANSAS.

Hardtner, Kan.—The Southwestern Eltr. Co. will build a 40,000-bu. eltr.

Germantown, Kan.—Curtis & Roberts have succeeded J. E. Winterscheidt at this point.

Lonford, Kan.—The Eagle Mill Co. of Newton, Kan., has succeeded E. D. Runalls at this point.

Beloit, Kan.—I have bot the eltr. here of C. T. McCoy and have taken possession.—W. C. Brown, Palmer, Kan.

Winfield, Kan.—W. W. Lockwood and William Davey are interested in the organization of a company with a capital stock of \$25,000 to erect an alfalfa mill.

Palmer, Kan.—I have sold out at this point to Bert Harnett, and will turn the eltr. over to him as soon as I can get cars to load out the grain it contains.—W. C. Brown.

La Crosse, Kan.—H. S. Fish has started work on his new eltr., 26x26 and 40 ft. high. This will give La Crosse five eltrs. with the prospect of another to be built before spring.

Bendenna, Kan.—G. W. Helme of Denton, Kan., who has succeeded the Hinds-Lint Grain Co. at that place, has leased the eltr. of J. S. Severin here and has taken possession.

Severance, Kan.—Robert Ware & Son have succeeded C. J. Clymans. Butterworth & White have succeeded Ebling & Laverintz and will operate under the name of Severance Mlg. Co.

Leona, Kan.—R. G. Harpster is scooping grain here and consigning same to the Gordon Grain Co., St. Joseph, Mo. The regular grain dealers at this point are McCormack Bros. and Gregg Bros.

Sterling, Kan.—The Farmers Shipping Ass'n has let the contract for its new eltr., replacing that burned Oct. 6, to M. J. Travis & Co. It will be built on the old foundation and will be the same size but better in every way. It will be covered on the outside with galvanized iron and have a capacity of 20,000 bus. The estimated cost is \$4,200. Work will begin as soon as the weather permits, in hope of getting it finished by March 1.

Argentine, Kan.—To make room for seven additional tracks in its yards here, the Atchison, Topeka & Santa Fe R. R. Co. will move the "old Glover Eltr." that was built about ten years ago, but has not been used for the last two. The building is now owned by the R. R. Co.

Topeka, Kan.—The board of railroad commissioners has served notice on R. R. companies operating in Kansas that on Jan. 12 it will take up the question of a reduction on the less-than-carload lot shipments of all grains. The proposed rates will make the following reductions on such shipments: 25 miles, from 14c to 9½c; 50 miles, from 21c to 15½c; 100 miles, from 31c to 23c; 200 miles, from 46c to 34c; 300 miles, from 56c to 38½c; 400 miles, from 76c to 51c.

Stafford, Kan.—Suit has been filed against the Mo. Pac. R. R. Co. for attorneys' fees amounting to \$90,000, as a result of the case against that road by the Larabee Flour Mills Co., charging the road with refusal to perform switching services on account of a dispute on demurrage charges, which suit was won by the mill company. The case was in the courts for years and was considered important as some fine legal points were involved. Lawyers who testified as to the value of the services rendered by the attorneys for the mill company fixed \$30,000 to \$50,000 as reasonable fees.

Wichita, Kan.—The Independent Grain & Commission Co. will change its name by dropping the word "Commission" and will operate under the style of the Independent Grain Co. and will admit to partnership J. F. Jones, who has been many years in Pratt, associated with his father in the banking business, altho he is a grain man of long experience. With J. W. Craig, who has been in the firm for some time, the company will continue in the same quarters in the Board of Trade section of the Sedgwick Block.

Wichita, Kan.—When A. R. Clark, head of the grain company that bore his name, awoke about 5 o'clock in the morning of Dec. 18 he complained of a pain over his heart. His wife hastily summoned a physician, but half an hour later he was dead. Members of the Board of Trade, of which Mr. Clark was a member for several years, were greatly shocked when they learned of his death, as he had been in his usual good health and spirits the previous day. He moved to Wichita about five years ago from Coats, opened an office for the A. R. Clark Grain Co. and bot out the L. H. Powell Grain Co. He was an active worker in the Wichita Board of Trade and a director at the time of his death. The Board closed at noon, the day of his funeral and attended the services in a body. Besides his Wichita business Mr. Clark was interested with his brother, W. E. Clark of Coats, Kan., in a line of country eltrs. He was born in 1866 and is survived by a wife and two daughters.

Topeka, Kan.—The 13th annual meeting of the Kansas Grain Dealers Ass'n will be held in Kansas City, Mo., Feb. 8, 9 and 10, with headquarters at the Coates hotel. The sessions, five in number, will be held in the banquet hall of the hotel. We believe by holding the meeting in the hotel where we made headquarters it will tend to hold the members together and promote the social feature of the convention. The first session will begin at 2 p. m. of the 8th, and the other sessions will be held morning and afternoon of the 9th and 10th;



no night sessions. As we now have the largest membership in the history of the organization we should have the largest attendance we have ever had. P. S. Goodman of Chicago will address the convention on the subject, "Some Theories of the High Price of Grain." J. S. Tustin, F. C. A. of the M. P. Ry. Co., will speak on the subject, "Railroad and Public Sentiment." H. A. Foss of Chicago will discuss "Scales and Car Equipment." We hope to have W. Scott Cowen, chief grain inspector of Illinois, make an address on the subject, "Office Instead of Track Inspection." W. C. Brown of Palmer will speak on "Business Relations Between Members"; W. F. McCullough of Wichita on "Relation of Buyer and Seller." J. C. Lincoln of St. Louis will deliver an address, and C. E. Winthrop of Wichita will speak on "Will Kansas be Justified in Placing Inspectors at Oklahoma State Line?"—E. J. Smiley, sec'y.

## KENTUCKY.

Brent, Ky.—Harry Kelly, a hay and grain inspector, fell from a railway trestle near this place and was severely injured.

Lexington, Ky.—At a meeting held here a short time ago plans were laid for holding an annual corn show in this city. A committee was appointed to make an effort to form a state corn show ass'n for the purpose of holding shows in a large number of the counties of the state terminating with the annual event to be held here.

Louisville, Ky.—The annual meeting of the Board of Trade and the election of officers including directors was set for Jan. 10 at noon. Pres. Nunemacher is up for re-election. Members nominated by William A. Robinson to serve as directors are: Frank C. Nunemacher, C. C. Mengel, S. Thruston Ballard, Marion E. Taylor, W. G. Munn, Logan C. Murray, John J. Saunders, John J. Otter, Lewis R. Atwood and George P. Walton, the first seven named to succeed themselves. Other directors whose terms expired Jan. 1 are: E. H. Bowen, J. M. Ryan, Charles Earl Currie, David Hirsch, Thomas F. Smith and James M. Johnson.

Louisville, Ky.—Daniel S. Mills, widely known as head of the D. S. Mills Hay & Grain Co., died Dec. 26, after a long illness with Bright's disease, aged 77. He leaves no family and is survived only by two brothers, Frank and Sidney Mills of New York. Born in Smithtown, Long Island, N. Y., Mr. Mills came to this city at the age of 29 and took a position with the grain and feed firm of Verhoff & Co., with whom he remained many years until he became a member of the firm of Duckwall & Mills, hay and grain dealers. Southern correspondents failed to pay their bills and the firm failed, but Mr. Mills announced that he would pay his part of the firm's indebtedness dollar for dollar, which amounted to about \$10,000. This he did after seven years of hard effort, that won for him the esteem and confidence that made a valuable asset. For several years he was a member of the firm of Clark & Mills, and when his partner died he continued the business. Two years ago he sold out to Frederick Zeitz, and has since lived a retired life owing to increasing ill health. Besides his grain business he was long a director of the First National Bank, was interested in the Cannelton Cotton Mills of Cannelton, Ind., and served various charitable institutions both state and local.

## LOUISIANA.

Lake Arthur, La.—The Producers Mfg. & Warehouse Co., capital \$50,000, has been incorporated to operate rice mills, etc.; pres., G. H. Shove; sec'y-treas., V. A. Miller.

New Orleans, La.—Clearances of grain from this port during December, 1909, included 184,309 bus. wheat and 1,427,599 bus. corn; compared with 223,391 bus. wheat and 573,184 bus. corn during Dec., 1908. On board ship, not cleared Jan. 1, 522,571 bus. corn.—W. L. Richeson, chief grain inspector New Orleans Board of Trade.

New Orleans, La.—Thomas P. Doty, who was on trial the latter part of December for alleged embezzlement of corn valued at \$11,037 from the Central Warehouse & Eltr. Co., the alleged shortage occurring in 1906, was found not guilty and released from his bond. The state lacked witnesses to testify to the essential facts on which the prosecution was based hence the judge ordered the jury to find for the defendant.

## MARYLAND.

Baltimore, Md.—George A. Pope, Jr., of Dennis & Pope of this city, John J. Stream and John C. Shaffer of Chicago, were admitted to membership in the Baltimore Chamber of Commerce, Dec. 13, in the place of Charles R. Howard deceased, Wm. Otis Price and L. H. Wiseman, respectively.—Jas. B. Hessong, sec'y-treas. Baltimore Chamber of Commerce.

Baltimore, Md.—Starr Kealhofer, until recently mgr. of the Montgomery Freight Buro of Montgomery, Ala., was appointed director of the new Traffic Bureau the Manufacturers' Ass'n inaugurated Jan. 1, for the benefit of its members. Among other duties the new official will take up shippers' complaints against the railroads and adjust differences without recourse to the courts.

Baltimore, Md.—William R. Hammond, president of the Third National Bank, and until recently a member of the grain-exporting firm of Hammond, Snyder & Co., died suddenly of heart failure in the evening of Dec. 19, at the Pimlico Country Club on the outskirts of the city. He had been a member of the Baltimore Chamber of Commerce for more than 25 years and his sudden death came as a shock to his fellow members.

Baltimore, Md.—Receipts of grain during Dec., 1909, included 636,347 bus. of wheat, 3,414,873 of corn, 90,784 of oats, 833 of barley, 25,709 of rye, and 3,914 tons of hay compared with 317,331 bus. wheat, 1,971,895 bus. corn, 168,175 bus. oats, 37,125 of barley, 38,429 of rye, and 5,123 tons of hay during December, 1908. Shipments included 539,202 bus. of wheat, 1,434,187 bus. corn, and 1,311 tons of hay during Dec., 1909, against 144,133 bus. wheat, 1,201,395 of corn, 652 bus. of oats and 766 tons of hay shipped during Dec., 1908.—Jas. B. Hessong, sec'y-treas. Baltimore Chamber of Commerce.

## MICHIGAN.

Henderson, Mich.—The eltr. of Detwiler & Son burned recently, loss total.

Lansing, Mich.—The annual meeting of the Michigan State Millers' Ass'n will be held here Jan. 18.

Mason, Mich.—The Mason Eltr. Co. has installed a 40-h.p. electric motor to furnish power for elevating and grinding, and will soon install a 20-h.p. machine

North Star, Mich.—Henry Kennett has moved his family here from Ashley. Jan. 1 he took charge of the eltr. of the Ithaca Roller Mills.

Allegan, Mich.—E. F. Sherman, whose eltr. was burned last July in a fire started by a spark from a passing Lake Shore train, and who brot suit against the R. R. company for \$25,000 damages, was awarded \$7,500 by a jury, Dec. 28.

Detroit, Mich.—Receipts of grain at this city during December were as follows: Wheat, 2,652,932 bus.; corn, 2,659,692; oats, 2,591,889; barley, 558,336; rye, 268,747; shipments during the same period: Wheat, 134,561 bus.; corn, 1,190,736; oats, 598,814; barley, 3,952; rye, 181,698.—F. W. Waring, sec'y Detroit Board of Trade.

Owosso, Mich.—The Moore Syndicate of Cleveland has bot the eltr. here of C. H. Barrett & Co. and will enlarge it. The company is said to be working out a plan to obtain a chain of eltrs. thru central Michigan. Options on different eltrs. were obtained a few years ago, but because of the financial depression no further steps were taken to get control.—B.

Owosso, Mich.—The case of C. H. Barrett against H. N. Ainsworth, on a charge of violation of contract in the purchase of a grain eltr., has been settled. Mr. Barrett alleged that he bot an eltr. from Mr. Ainsworth with the understanding that the latter would not engage in the grain business for a stated time. Mr. Ainsworth held \$2,500 worth of stock in Mr. Barrett's company, and the court ordered him to pay the cost of the proceedings, and to give up his stock on payment of \$1,875 by Barrett.

Detroit, Mich.—The Detroit Board of Trade has decided to join the new Detroit Traffic Ass'n in a body. This action will include the millers, who are all members of the Board. As the main object of the Traffic Ass'n is to investigate and vigorously prosecute abuses of which freight receivers and shippers complain, one member will take up all traffic troubles for members of the Board of Trade and will have a number of votes on all questions that come up for settlement, the exact number has not yet been determined. This course is expected to simplify matters greatly and facilitate the handling of complaints against the roads.

Detroit, Mich.—For several years railroads centering in Detroit have operated thru an organization known as the Michigan Car Demurrage Service, composed of the various freight traffic officials as directors while a separate operating force took entire charge of the demurrage service. Tho not generally known, this organization was discontinued, Dec. 1, so far as having anything to do with shippers, but it is still in existence under another name as a recording bureau for the railroads, while the shippers do business directly with each road. It appears the Michigan Car Demurrage Service had no legal status and could neither sue nor be sued; but it kept track of demurrages and each railroad had to collect its own demurrage charges, which was easy with small shippers, for if they did not pay they could get no cars. But a number of the big plants have their own switching engines and connection with practically all the railroads; hence the roads had to compete so closely to get outbound business that no railroad would sue these big firms, so the demurrage service was re-organized.



Lansing, Mich.—The Michigan R. R. Commission will test the right of the Interstate Commerce Commission to make demurrage rules. The new code eliminates all free time over two days in the unloading of cars and practically abrogates the "average" rule in demurrage questions. These two provisions are the ones Michigan shippers have struggled the hardest to have retained. The R. R. Commission received letters from some 500 shippers in the state, asking that the resolutions adopted by the National Ass'n of R. R. Commissioners, relative to uniform demurrage, be ignored. In drafting rules the Mich. R. R. Commission ignored I. C. C. rulings and held that demurrage rates in this state need be filed and approved only by the Michigan commission, since demurrage matters are purely local. Chrm. C. L. Glasgow said "I am inclined to think that the rules adopted have paved the way for a long series of litigation in the supreme court of the United States, as the Interstate Commerce Commission is sure to take exceptions to the rulings."

### MINNESOTA.

Hendrum, Minn.—The Hendrum Eltr. Co. will be re-organized.

Woodstock, Minn.—J. F. Delaney is the new mgr. for the Farmers Eltr. Co.

Silver Lake, Minn.—Farmers in this vicinity are considering organizing to build an eltr.

Duluth, Minn.—The annual assessment on memberships in the Board of Trade has been placed at \$60.

Garfield, Minn.—I have opened business for the Gruber Eltr. Co. in the Nels Stenson eltr.—John A. Carlson.

Winger, Minn.—I have come here from Audubon, where I managed the eltr. of the Farmers Eltr. Co.—H. A. Halvorsen.

Audubon, Minn.—I resigned as mgr. of the Farmers Eltr. Co. and H. J. Lee of Glenwood has succeeded me.—H. A. Halvorsen.

Tracy, Minn.—I have thoroly overhauled, repainted and rodged, and partly reroofed with galvanized iron my eltr. and now have it in first class condition.—D. H. Evans.

Northrop, Minn.—John Krumholz of Fairmont, has succeeded L. A. Leeman as agt. for the Wohlheter Eltr. Co. at this station.—A. C. Becker, agt. Hubbard & Palmer Co.

Bombay sta., Kenyon p. o., Minn.—H. C. Voxland, sec'y of the Bombay Farmers Merc. & Eltr. Co. organized last fall, says his company is arranging to take over the eltr. of the Milwaukee Eltr. Co.

Duluth, Minn.—Receipts of grain during the month of December included 2,807,118 bus. of wheat, 408,182 of oats, 39,619 of rye, 673,058 of barley and 650,665 bus. of flaxseed.—Chas. F. MacDonald, sec'y Duluth Board of Trade.

Renville, Minn.—Wm. Hoffman, whose eltr. was burned, Dec. 7, in the same fire which destroyed that of the Farmers Eltr. Co., will rebuild. He has already erected a temporary structure in which to continue his business until he can get his new eltr. ready for use.

Fergus Falls, Minn.—A lien for \$632.20 has been filed against the Farmers Co-op. Eltr. Co. by Fairbanks, Morse & Co. for machinery furnished the contractor, S. H. Tromanhauser. Many of the bills for material have not been paid, but this firm is the first to file.

Winona, Minn.—The Bay State Mlg. Co. has bot the local terminal eltr. of the Atlas Eltr. Co.; capacity, 250,000 bus. The site comprises 2½ lots having a frontage of 150 ft. This additional eltr. capacity gives the company the largest wheat storage of any mill in the state outside of Minneapolis.

Renville, Minn.—We have practically decided to build a 40,000-bu. eltr. of reinforced concrete, to replace ours burned Dec. 7. We intend to equip it with a 22-ft., 6-ton dump scale, two legs, 6x11 cups on rubber belt, a Monitor No. 5 Cleaner, a 15-h.p. gas engine, and a Sonander Automatic Scale.—Le R. Holmberg, mgr. Farmers Eltr. Co.

### MINNEAPOLIS LETTER.

J. H. Frerich has been admitted to membership in the Chamber of Commerce.—John G. McHugh, sec'y.

Hay dealers report a demand from western Canada for hay to go forward by the Gt. Northern, Nor. Pac. and Soo roads.

The supreme court of Minnesota has granted a new trial in the case of E. L. Welch Co., of this city, against the Lahart Eltr. Co.

The Consumers Malting Co. has changed its articles of incorporation, making the capital stock \$250,000 of which \$100,000 is to be preferred, and \$150,000 common.

Receipts of grain at Minneapolis during December were: Wheat, 6,904,870 bus.; corn, 467,670; oats, 757,300; barley, 1,069,790; rye, 163,850; flaxseed, 601,430 bus.—John G. McHugh, sec'y Chamber of Commerce.

John H. Donnelly, a cash salesman connected with John McLeod & Co. died suddenly a few days ago. Shortly before his death he was on the trading floor of the Chamber of Commerce apparently in the best of health.

John McLeod, pres. of John McLeod & Co., grain dealers in the Chamber of Commerce, was seriously injured Jan. 1 when he was struck by an automobile. He had just alighted from a car when struck by the machine which was going at a speed, witnesses say, of 30 or 40 miles an hour. He was hurled 30 feet and fell on the fender of a car following the one he had just left. The driver of the automobile escaped.

An insurance policy for \$500,000 has been taken out by John H. MacMillan, vice-pres. of the Cargill Eltr. Co., which is made payable to the company. In doing this he has followed the precedent established by the late Frank H. Peavey, who carried a policy of \$1,000,000 for the benefit of the eltr. company of which he was the head, and since has been followed by F. T. Heffelfinger and F. B. Wells, the active heads of the present Peavey companies.

Several hundred cars, containing over a half million bus. of wheat, it is estimated, are tied up within the switching limits of this city. On side tracks and in various positions in the interior of the Northwest it is believed there are 5,000 more cars loaded with 5,000,000 bus. of wheat. Millers, to a large extent, have been the buyers of this wheat which was sold "to arrive." With the flour business light the millers are not concerned about the wheat not being delivered as it is being carried for them without expense. The grain men who sold the wheat are paying the carrying cost and with money at 5½% is somewhat expensive. It is reported that one eltr.

concern of this city has a million dollars tied up in that way. Probably more than half of the wheat in transit is owned by country shippers, however, it being on consignment, hence they have to pay the interest. The large eltr. companies are understood to be holding back their own wheat, stored in interior eltrs., as they look for a higher premium on spot wheat at Minneapolis and Duluth in April, following the opening of lake navigation.

### MISSOURI.

Wakenda, Mo.—I have succeeded W. F. Circle as mgr. of the Wakenda Eltr. Co.—E. L. Stanley.

### KANSAS CITY LETTER.

The Waldron Grain Co. has gone out of business.

Kansas City, Mo.—J. R. Goodwin, of the weighing and sampling dept. of the Kansas City Board of Trade, says his dept. unloaded 51,287 cars of grain in 1909 and loaded out 31,006 cars, making a total of 82,293 cars handled.

The bucket shops of this city are to be investigated. The proprietors of four alleged stock gambling companies have been subpoenaed to testify regarding their transaction. The investigation is the result of a letter received by an official of the Criminal Court from a woman who said her husband had gambled away \$25,000 by "bucking" the market unsuccessfully.

Wilbur Warren, pres. of the Kansas City Hay Co., was severely injured Dec. 18 in a collision between a street car in which he was riding and a coal wagon. Mr. Warren probably was saved from more serious injury by a spectacle case which he carried in his left breast pocket. The case was bent out of shape but doubtless protected his heart when he was thrown out of the car window.

Kansas City, Mo.—The election of officers of the Kansas City Board of Trade was held Jan. 4, the following officers being elected: Pres., C. W. Lonsdale; second vice-pres., George H. Davis; directors, George A. Aylsworth, F. B. Godfrey, T. F. McLiney, B. C. Moore, O. A. Severance and John R. Tomlin; arbitration committee, L. W. Bixler, P. F. Cary, F. P. Chalfant, A. R. Pierson and James Russell.

Receipts of grain at this city during the month of December included 1,560,700 bus. wheat, 1,041,900 bus. corn, 280,500 bus. oats, 5,500 bus. rye, 22,000 bus. barley, 1,000 bus. flax, 1,420 tons bran, and 20,520 tons hay. Shipments during the same period were: Wheat, 1,299,100 bus.; corn, 572,700; oats, 408,000; rye, 1,100; barley, 8,800; flax, 2,000; bran, 6,600 tons; hay, 3,360 tons.—E. D. Bigelow, sec'y Kansas City Board of Trade.

Steps were taken at a meeting of milling organizations, held in this city Dec. 29, toward the formation of a league of southwestern millers, the object of which will be the handling of questions which arise that are too large for the work of the individual millers' clubs. The committee appointed on organization recommended that the organization be composed of millers in the states of Kansas, Oklahoma, Nebraska, Missouri and Texas. During the current month a meeting will be called to perfect further plans. Should the organization be completed in time, a mass meeting will be held in this city a day previous to the mass meeting of the Millers' Nat'l Federation and millers will attend the Federation meeting in a body.



A car of No. 2 Red Russian wheat received by the Benton Grn. Co. a few days ago from the Pacific Coast arrived at this point with freight charges of 55c per 100 lbs. on the shipment. As some of the wheat is going to Texas mills the total freight rate to final destination will reach 81c per 100 lbs., or nearly 50c per bu. Such wheat brings from \$1.20 to \$1.25 per bu. on the Kansas City market.

The formal order for the adoption of rules for the uniform grading of grain, prescribed by the Grain Dealers' Nat'l Ass'n, has been given by the Missouri Railroad and Warehouse Commission and will become effective Feb. 15. Printed rules will be given out within two weeks by the following officials of the grain inspection department: T. M. Bradbury, sec'y, Jefferson City; H. C. Nunn, chief inspector, Kansas City; M. C. Fears, deputy chief inspector, St. Louis; John O. Winn, supervising inspector, St. Joseph.

## ST. LOUIS LETTER.

Cards were issued by the Modern Miller for its annual open house which was held Friday afternoon, Dec. 31, at its offices in the Pierce building.

We are just getting our St. Louis office started. It is in the Pierce building and is in charge of Lewis J. Jones.—E. R. & D. C. Kolp, of Ft. Worth, Tex.

Capt. Isaac M. Mason, 78 years old, a former pres. of the Merchants Exchange and prominent as a Mississippi River steamboat man, died recently at his home in this city.

The year 1909 went out in a mild blaze of glory at the Merchants Exchange. Confetti was thrown in true carnival style and a general scrimmage of the old style football sort was indulged in by both old and young members. No casualties were reported.

J. C. Lincoln, of the Merchants Exchange Traffic Bureau, has notified receivers of grain that is accumulating in the congested railway yards at East St. Louis, that disposition instructions should be given as promptly as possible in order to relieve the condition. Some of the grain, it is reported, is being held out on the railroads over which it is being brot in.

John Malone, deputy supervisor of the Merchants Exchange, died at the City Hospital, Dec. 20, from injuries received when he was crushed between two cars in the Burlington yards early that day. He was inspecting several cars of grain and stepped between two cars as a switch engine backed down to couple them together. Malone was 43 years old and married.

At the annual election of the Merchants Exchange, held Jan. 5, the following officers and directors were elected and committees appointed: Pres., Manning W. Cochrane; first vice-pres., Nat L. Moffitt; second vice-pres., Christian Bernet; Directors: J. W. Garneau, Charles F. Beardsley, William T. Hill, Parker H. Litchfield and E. E. Scharff, the retiring pres.; Standing Committee on Arbitration: Frederick Chamberlain, Sam Gordon, H. G. Craft, Fred C. Orthwein, M. J. Connor, F. W. Seele, Marshall Hall, Sam Plant and B. L. Flack; (the members of this committee will draw lots to determine who will serve during the first and second six months); Standing Committee on Appeals: T. B. Gettys, W. E. Knapp, Louis Hesse, D. P. Byrne, Chas. W. Isaacs, Geo. C. Martin, Jr., J. D. Ballard, S. C. Trauernicht, Ben S. Lang, S. A. Whitehead and J. S. Vincent.

The following have been admitted to membership in the Merchants Exchange since Dec. 1: Vincent H. Glossmeyer, St. Louis; Gustave W. Wachter, sec'y Seagrave-Katz Grn. Co., St. Louis; Arthur W. Eisenmayer, Granite City, Ill.; Geo. H. Gray, agt. C., B. & Q. R. R., St. Louis. The memberships of Paul Robyn, C. B. Munday, Jr., and J. H. Cavender have been sold.—Geo. H. Morgan, sec'y Merchants Exchange.

More than a hundred members of the Merchants Exchange and of the "Kernels of Golden Grain" fraternal organization held high carnival at the Mercantile Club the night of Dec. 28. The occasion was the annual banquet of the St. Louis Grain Club and the chief event was the tryout of the ritual and primary degrees of the "Kernels of Golden Grain." The officers were clad in vestments copied from pictures in old mythologies and resembled the court cards in a euchre deck. John L. Messmore officiated as Tuptemus, Bert Lang as Liter, Thomas Teasdale as Oracle, Edward Flesh as Kronos and Gil Sears as Bacchus. The initiations followed the dinner and the dress rehearsal of the ritual, and the evening closed with a Toast to Ceres. In addition to the initiation of the candidates for the "Kernels of the Golden Grain" 7 new members were admitted to the St. Louis Grain Club.

Louis Helm, a partner of John T. Miliken, has resigned from the market report committee of the Merchants Exchange, his action being due to the failure of the directors to expel a member for bucket-shopping. A committee recently appointed to investigate reports that some members were engaged in irregular trading reported that William R. Ryan had been indicted for conducting a bucket-shop. The directors failed to act on the committee's report. Mr. Milliken a few days later met Pres. E. E. Scharff of the Exchange during the trading hour and spoke his mind rather plainly on the matter and at the same time brot up another subject, stating that the Exchange was about to face a deficit of \$8,000 for the year's operations and that there had been no action taken on the proposition to raise the annual dues. At a later meeting of the directors it was voted to suspend Ryan for one year and it was ordered that the yearly dues of the Exchange be advanced to \$50.

The Merchants Stock & Grn. Co. and 9 of its employees were cited Dec. 22 to appear before the U. S. District Court Jan. 4 and show cause why they should not be adjudged guilty of contempt in disobeying the temporary injunction granted Nov. 3 restraining them from using the quotations of the Chicago Board of Trade. The order was granted upon complaint of the Chicago exchange, supported by affidavits of 5 of its employees, to the effect that the quotations have been obtained in some manner unknown and continuously used since the injunction was granted. The individual defendants are John F. Ryan, Frank J. Miner, Peter Holmes, Patrick A. Stephens, P. B. Burch, Percy Anderson, Chas. S. Sparkman, Frank Mullen, Ralph McDonough, Jos. E. Martin and Clyde Pumphrey. It is alleged that the defendants violated the injunction by receiving the forbidden quotations and sending them to its 400 branch offices and in support of the charge the affidavits of Friedel L. Schuyler, ass't chief reporter of the Chicago Board of Trade, and Emery J. Chronister, a telegraph operator were filed. These state the two men went to the office of the defendant company Nov.

6 and that the operator heard coming over the wires, and saw copied on the board, the wheat, corn, oats and other quotations of the Chicago exchange. When the operator copied some of the quotations he was ejected by employes and policemen.

## MONTANA.

Butte, Mont.—Montana Produce Co. has been incorporated with capital stock of \$30,000 in shares of the par value of \$1,000 each; engage in hay, grain and merchandise business; directors, Chas. P. Nevin, John J. O'Mara and Thos C. Rabbitt.

Great Falls, Mont.—Eight storage tanks will be built by the Royal Mfg. Co. at its plant in this city during the coming summer. They will be 85 ft. high and 25 ft. in diameter. Concrete reinforced will be the material used. The company's capital has been increased from \$100,000 to \$300,000.

## NEBRASKA.

Oakland, Neb.—A loss by fire was suffered by the Farmers Grn. & L. S. Co. Jan. 4.

Daykin, Neb.—The Lincoln Grn. Co. has bot the eltr. of the Ewart Grn. Co. at this station.

Stromsburg, Neb.—The T. B. Hord Grn. Co. of Central City, Neb., has bot the eltr. of John Erickson at this point.

Shickley, Neb.—Mr. Peterson, of Ewing, Neb., has succeeded Larry Mulligan as mgr. of the eltr. of the Updike Grn. Co. at this point.

Western, Neb.—I expect to erect a new smokestack and do some inside repairing as soon as weather is so that it can be done.—J. H. Swan.

Wymore, Neb.—The new eltr. of the Central Granaries Co., which takes the place of the house burned about 2 months ago, has been completed and is in operation.

Omaha, Neb.—The Merriam & Holmquist Co. bot the membership of P. E. Iler; it will be executed by H. L. Olsen.—F. P. Manchester, sec'y Omaha Grain Exchange.

Lincoln, Neb.—The sixth annual convention of the Farmers Co-operative Grain & Live Stock Ass'n will be held in this city Jan. 18-19. There are 200 members of the ass'n in Nebraska.

Walthill, Neb.—Farmers Grn. Co. has been organized to deal in grain, lumber, coal and live stock; capital, \$20,000; incorporators, S. H. Elliott, pres.; C. G. Campbell, vice-pres.; Swan Olson, sec'y; and E. S. Kelly, treas.

Polk, Neb.—Delivery of grain at this station is very small on account of heavy snows and bad roads; much corn still in the fields; very little of new crop on the market as it is damp, tough and unfit for storage.—F. B. Williams.

Omaha, Neb.—The Omaha Grain Exchange has filed a complaint with the state railroad commission complaining of grain rates from southern Nebraska, it being alleged that the Burlington road has shown discrimination in favor of Kansas City.

Omaha, Neb.—Receipts of grain at Omaha during December, 1909, included 645,200 bus. wheat, 1,394,800 bus. corn, 758,400 bus. oats, 32,000 bus. rye, and 30,000 bus. barley. Shipments during the same period: Wheat, 424,000 bus.; corn, 536,000; oats, 786,000; rye, 25,000; barley, 18,000.—F. P. Manchester, sec'y Grain Exchange.



Staplehurst, Neb.—J. H. Davis, who has managed the business of the Nebraska-Iowa Grn. Co. at this station during the last 7 years, departed Dec. 30 for Albion, Neb., where he assumed management of the eltr. and coal business of the Trans-Mississippi Grn. Co., beginning Jan. 1.

Central City, Neb.—Mr. and Mrs. T. B. Hord have gone to Los Angeles to spend the winter with their daughter. Mr. Hord is now in the best of health, apparently having fully recovered from the stroke of paralysis which he suffered a year ago, as well as the effects of the burns he received in the gas explosion at his home last summer.

Moorfield, Neb.—Grain business is very dull all along the line. The Foster Grn. Co. is arranging to close its eltr. at an early date as the crops were poor in this territory; there will be some wheat yet to come in but not enough to pay to keep open one eltr. let alone two; corn is worth as much out here in parts of western Nebraska, for local use, as in Omaha.—James Pearson, agt. Shannon Grn. Co.

York, Neb.—J. Nelson, formerly of Grand Island, an alfalfa meal mill promoter, was sentenced to 5 years in the penitentiary for embezzlement of \$1,900 of the funds of the York Alfalfa Meal Mill Co. Something like \$7,000 or \$8,000, put up by citizens of York and farmers of this vicinity found its way to the treas. of the organization at Kansas City, Mo. The treas. was a stranger to local people but the funds were deposited so that he could not draw checks against the bank account of the company. Nelson, being one of the promoters, succeeded on various pretexts in getting checks and money.

## NEW ENGLAND.

Providence, R. I.—A fire in the store of the Arlington Grain Co. Dec. 24 caused only slight damage.

Mansfield, Mass.—The Mansfield Mfg. Co. has begun the erection of a steel eltr. 60 ft. high with a capacity of 40,000 bus.

Great Barrington, Mass.—The Peterson Grn. Co. has been incorporated with capital of \$15,000 by John Peterson, pres., and others.

Woodsville, N. H.—Styrnest & Clark have bot the grain store of Butler & Johnson and have put in a gasoline engine to grind their grain.

Boston, Mass.—Albert H. Ham, for a number of years connected with the wholesale grain house of Irving, Powers & Co., died recently after an illness of 13 weeks. Mr. Ham was 43 years old.

Boston, Mass.—A vigorous protest against any reduction of "free time" for the unloading of freight cars was made at a meeting of representative business men of New England held Dec. 17 before the transportation committee of the Chamber of Commerce. The meeting was called to consider a demurrage code recently drawn up by the Nat'l Ass'n of Railroad Commissioners reducing the hours from 96 to 48. A resolution was adopted and forwarded to the commission at Washington to the effect that no reduction of free time should be considered until some method can be devised by which the railway service shall be made reliable and regular, or some automatic method devised by which the shipper may promptly be paid for losses and damage resulting from the delays of the railroads. Included among those present at the meeting were a number of grain men who heartily supported the action taken.

Boston, Mass.—The firm of Sexton & Marshall, a well known grain and feed house, has been dissolved. The business will be continued by Mr. Sexton under the name of Sexton & Co. while Mr. Marshall will engage in the lumber business elsewhere.

Boston, Mass.—Dec. 18 was the fiftieth anniversary of the birth of Charles M. Cox, pres. of C. M. Cox & Co., of this city and the occasion was remembered by many friends of Mr. Cox. Congratulations were tendered him and his offices in the Chamber of Commerce building were decorated with laurel and flowers. Mr. Cox seven years ago built a large plant at St. Albans, Vt., known as the St. Albans Grn. Co., one of the largest plants in New England. Besides his connection with the grain trade Mr. Cox is also a landscape painter of note and is identified with many public and philanthropic enterprises in the Hub.

## NEW YORK.

Matteawan, N. Y.—Thos. J. Cunningham is building an eltr.

New York, N. Y.—The Tidewater Grn. Co. has been incorporated with capital stock of \$40,000, to deal in grain, flour, feed, etc.

Jamestown, N. Y.—C. M. and W. G. Purdy, grain dealers, have bot a half interest in the new grist mill now being erected here by W. W. Campbell & Son.

New York, N. Y.—Edwin M. Cox has been appointed receiver in bankruptcy for Griggs & Co., dealers in hay, grain and feed, of this city. Assets are estimated at \$10,000. Bond of the receiver was placed at \$3,000.

New York, N. Y.—The New Year was welcomed by the members of the New York Produce Exchange in the manner inaugurated a few years ago which is eminently safe and sane. No rough-house tactics were indulged in but the members contributed to a fund which provided gifts and entertainment for the poor people and children of the lower end of Manhattan. Toys and candy were given the boys and girls and family baskets were provided which contained a full meal. A band, a vaudeville show and a circus were also furnished.

## BUFFALO LETTER.

Henry Saeger, an employe of the Erie Eltr., was hit on the head and his skull fractured Dec. 28 by a plank which fell from the seventh floor of the building.

A meeting was held Dec. 29 in the local office of the United States Engineer by the U. S. Board of Engineers for Rivers and Harbors and citizens to discuss the question of the dredging out of the site of the eltr. of J. C. Watson & Co. The city has bot the property and desires to turn it over to the government to improve.

Three men were killed and 9 seriously injured in an explosion and fire which destroyed the plant of the Buffalo Cereal Co., Jan. 4. The explosion occurred in the yellow corn mill. A concrete and brick eltr 149 feet high, adjoining it, was shattered by the explosion, and fell thru the roof of the mill. Of the twelve men employed in the eltr not one escaped injury. The explosion is believed to have been caused by spontaneous combustion of grain dust. The loss is placed at \$75,000.

## NORTH DAKOTA.

Belmar, N. D.—The Acme Grn. Co. suffered a loss by fire Jan. 5.

Medora, N. D.—The Minn. & Western Eltr. Co. is erecting an eltr. at this station.

Sherwood, N. D.—The eltr. of K. Klouner was considerably damaged by fire recently.

Hannah, N. D.—A movement is on foot here to establish a farmers' eltr. company.

Glenburn, N. D.—The Farmers Eltr. Co. recently suffered small loss by fire in its eltr.

Taylor, N. D.—The Farmers Eltr. Co. at a recent meeting, voted to increase its capital stock from \$10,000 to \$20,000.

Oakes, N. D.—The Knox Grn. Co. has been incorporated; capital stock \$50,000; incorporators, E. J. Walton, C. E. Knox and M. L. Walton, all of Oakes.

Colgate, N. D.—Ray Umstead has recovered judgment for \$3,500 against the Colgate Farmers Eltr. Co. in his suit for injuries sustained while working at defendant's eltr.

La Moure, N. D.—A. H. Johnson and J. S. Emerson have bot the eltr. of the Monarch Eltr. Co. of this place and will operate it under the name of the La Moure Grn. Co.

Fargo, N. D.—The second annual North Dakota Corn Show will be held in this city Jan. 18-21. Communications should be addressed to G. W. Randlett, agricultural college.

Bottineau, N. D.—Thos. Gardner, mgr. of the Farmers Eltr. Co., has gone to his former home in Ohio for a month's vacation. John McKenzie will look after the company's business during his absence.—P. H. Peterson.

Erie, N. D.—George I. Davies, who was brot back here from St. Louis on a charge of embezzlement made by the St. Anthony & Dakota Eltr Co., has confessed that he absconded with \$450 of the company's money while acting as its mgr. at this station.

## OHIO.

New Paris, O.—I have succeeded G. N. & I. R. Richards.—J. E. Richards.

Cincinnati, O.—Elisha S. Frazer, 68 years old, a grain and stock merchant of this city, died Dec. 25.

Van Wert, O.—Capt. T. S. Gilliland, for 30 years prominent in the grain and produce trade of this city, died Dec. 30, at the age of 75.

St. Paris, O.—Grant McMorran is very low with the grip. No one is allowed to see him.—W. H. Persinger, of J. E. Wells & Co., Sidney, O.

Toledo, O.—E. B. Straugh and E. W. Harmeyer have opened a commission house in the Ohio building and will deal in grain, hay and straw.

Moulton sta., Wapakoneta p. o., O.—The Detjen Kittman Co. has succeeded Henry Detjen at this point and at New Knoxville, O.—H. Detjen.

Toledo, O.—"Thirty Years" is the sentimental title of a tasteful brochure issued by J. F. Zahm & Co., commemorating the thirtieth year of that company's existence.

Canfield, O.—The Callahand & Neff Co. has been incorporated with capital of \$10,000. Incorporators are Irwin Callahand, C. H., C. C., R. J., Sadie C. and Melva Neff.



Xenia, O.—Cornelius Foureman & Son is a new firm about 5 miles north of here,  $\frac{1}{2}$  or  $\frac{3}{4}$  mile from the P. C. C. & St. L. Their eltr. is an old mill, capacity about 10,000.—R. M. Smart.

Akron, O.—The contract for the construction of the grain tanks, to be erected for the new 2,000-bbl. mill of the Quaker Oats Co. in this city, has been let to Reeves Bros. Co.

Cincinnati, O.—John A. Ferger, who was with the Early & Daniel Co., for 12 years, and some time ago applied for membership in the Chamber of Commerce, has bot an interest in the firm of Aug. Ferger & Co.

Union Village sta., Middletown p. o., O.—Eesley Bros. of Lebanon, O., have bot the eltr. of Fred Douglas at this point and after making extensive repairs and building a two-story addition will begin business.

Sidney, O.—The marriage of V. E. Chambers, who has been with J. E. Wells & Co. of this city for several years, and Miss. Katheryn M. Judy, a prominent school teacher of near Urbana, O., took place at the bride's home on Christmas day.

Frankfort, O.—My son, Willis McCafferty, to whom I had turned over my business here, fell from a building and four days afterward died from the effects of the accident; I have gone out of business on account of my age.—Chas. McCafferty.

West Alexandria, O.—Corn is not moving so freely as it was 2 weeks ago; have handled a large amount of it this fall; have changed my motive power from steam to gasoline and am now prepared to wait on the farmers in quick time.—Chas. A. Rinck.

Ridgeville (Lytle p. o.), O.—Amiel Ruffer, living near this place, lost an arm in a combination husker and shredder Dec. 24. In attempting to remove a corn cob he jerked backward and his coat sleeve caught in the machine, tearing off his arm at the elbow.

Toledo, O.—Geo. B. Esterman, the grain receiver who had an office here last November just long enough to get several shipments of grain, has not been located. He received some mail at the Spitzer Bldg. in the name of L. D. Peterson. What was his real name?

Middletown, O.—The F. O. Diver Grn. Co. has bot the plant of the Palmer Milling Co. at the appraised price of \$12,000. The Middleton Flour & Mlg. Co. will be organized with a capital of \$30,000 and operation of the plant, which has been closed down since an assignment was made several months ago by the former owners, will be resumed.

Van Wert, O.—Ireton Bros. & Eikenbary Co. have been denied a new trial of their case against the Pennsylvania R. R. Co. The case was for \$56,000 damages and was based on the burning of the firm's eltr. at this point in 1902, alleged to have been caused by a spark from a locomotive. The federal court in Toledo returned a verdict of no cause for action.

Toledo, O.—Henry L. Goemann and F. O. Paddock have been appointed delegates by the Produce Exchange to represent it at a hearing of grain interests in Washington, Jan. 14, before the Interstate Commerce Commission. The subject of transit rules, which will be under consideration, is of vital importance to Toledo because of the city's standing as a terminal market.

Buchwalter sta., Jeffersonville p. o., O.—Dissatisfaction among farmers here is being caused by the sending of bids to other than the regular dealers. The only regular dealers are Henry Bucher at this station, also known as Bookwalter, and Threllkill & Blessing at Jeffersonville, and Vent & Riddle at Sedalia.

McKays sta., Clare p. o., O.—C. E. Hartman is not a regular dealer and is not entitled to bids from grain brokers altho he receives some bids; there is no one in the grain business at this station. W. S. Oglesbee is the only dealer at Ogles sta.; (Port William p. o.) his eltr., has a capacity of 5,000 bus.

Woodlyn sta., Williamsport p. o., O.—C. S. Hunsicker, formerly of Hunsicker & Yates, was killed on the N. & W. R. R. crossing at Circleville, O., Dec. 20, and his business here has been closed by the administrator; the Heffner Grn. Co., of which I am mgr., is now the only operator of eltrs. at this point.—J. W. Smith.

Tiffin, O.—The business of E. E. Evans & Co. will be removed to Toledo. Application has been made for membership in the Produce Exchange and the company will be represented on the floor by Harold W. Bell, formerly connected with the Paddock-Hodge Co. of Toledo. The concern already has a large hay station in Toledo.

Toledo, O.—Four thousand loaded cars are now in the local railroad yards, the congestion, despite special efforts made to relieve it during the holidays, still continuing. The situation is complicated by the inability of Detroit yards to take care of traffic routed that way on account of raising of grades and changing terminals at that point.

Pemberton, O.—The firm of Simmons & Cook has dissolved partnership, J. W. Simmons retaining full management and control of the eltr. located at this point and O. W. Cook assuming full management and control of the house located at Maplewood, O. All communications in the future should be addressed to them personally at their respective places of business.—J. W. Simmons, succr. to Simmons & Cook.

Toledo, O.—E. L. Southworth, who has been the sole owner of the business conducted under the name of Southworth & Co., has announced that Kenton D. Keilholtz, who has been with him for 8 years, has been taken into the firm. Mr. Keilholtz, during the last 5 years, has been a member of the Toledo Produce Exchange. The announcement is made in the form of a holiday greeting card issued by Southworth & Co., to their friends and patrons.

Toledo, O.—At the election of the Produce Exchange held Jan. 3 Edwin L. Camp was made president. The other officers and directors elected and committees appointed were as follows: First vice-pres., Fred W. Jaeger; second vice-pres., Wm. W. Cummings; treas., Chas. S. Burge; sec'y, Archibald Gassaway; directors, Frank I. King, David Anderson, John Wickenhiser, Fred O. Paddock, Cyrus S. Coup, W. H. Morehouse, E. L. Southworth, James E. Rundell, Frederick J. Reynolds, Henry L. Goemann; committee on arbitration, Fred Mayer, W. H. Haskell, J. W. Young, Geo. J. Rudd, W. E. Tompkins, H. D. Raddatz, K. D. Keilholtz; committee on appeals, J. C. Keller, A. W. Bunce, W. E. Stone, W. E. Cratz, F. W. Rundall, R. L. Burge, R. P. Lipe, H. R. De Vore, F. R. Moorman, J. H. Taylor, G. G. Major.

Columbus, O.—During the two weeks of the Corn Show meetings of allied assn's will be held under the auspices of the State Board of Agriculture; members of the Ohio Grain Dealers' Ass'n and the National Hay Ass'n meeting on Jan. 10, which is the big day of the Corn Show held by the Ohio Corn Improvement Ass'n. An invitation to members and all regular grain dealers to participate in a reunion at the Chittenden hotel on the afternoon of that day was sent out by J. W. McCord, sec'y of the O. G. D. A.

Cincinnati, O.—Grain receipts at Cincinnati during December, 1909, were as follows: Wheat, 264,404 bus.; corn, 887,206; oats, 450,264; barley, 64,124; rye, 89,266; clover seed, 2,824 bags; timothy seed, 1,268 bags; other grass seeds, 18,539 bags; compared with receipts during December, 1908: Wheat, 341,978 bus.; corn, 726,896; oats, 426,378; barley, 65,150; rye, 58,868; clover seed, 7,014 bags; timothy seed, 5,224 bags; other grass seeds, 15,077 bags. Shipments during December, 1909, were: Wheat, 247,502 bus.; corn, 487,728; oats, 304,818; barley, 1,000; rye, 36,287; clover seed, 2,767 bags; timothy seed, 5,422 bags; other grass seeds, 13,345 bags; compared with shipments during December, 1908: Wheat, 346,944; corn, 351,772; oats, 184,893; barley, 1,000; rye, 41,540; clover seed, 5,458 bags; timothy seed, 1,994 bags; other grass seeds, 15,033 bags.—C. B. Murray, supt. Chamber of Commerce.

## OKLAHOMA.

Cherokee, Okla.—George Caylor of Canadian, Tex., has bot the plant of the Alfalfa Meal & Mlg. Co. for \$30,000. Mr. Caylor will increase the capacity of the mill which at present is 100 tons a day. The old company was organized in 1907.

Guthrie, Okla.—An opinion has been handed down by Atty. Gen. Chas. West, to a milling concern of the state, in which it is held that neither the state grain inspector nor his deputies have authority to inspect scales. The mill had submitted to the attorney general a letter from a deputy inspector demanding that the company submit to an examination of its scales.

## OREGON.

Portland, Ore.—Work on the construction of a dock, eltr. and flour mill for the Pacific Mlg. & Eltr. Co. will begin soon. The improvements will cost about \$500,000. The site consists of 4 acres. The eltr. will be of concrete and will have capacity for 500,000 bus. of wheat. The dock will be 440 ft. long and 366 ft. back from the river front. In addition to its holdings here the company has obtained 350 ft. of water front in Los Angeles. A concrete eltr. will be erected there and at Port Costa, Cal. The company will also operate a steamship line of 3 freighters for transporting cargoes of wheat down the coast and general cargoes on return trips.

## PENNSYLVANIA.

Scranton, Pa.—The Miner-Hillard Co., of Wilkes-Barre, has bot the Seybolt mill of this city and will make extensive improvements.

Pittsburg, Pa.—Joseph S. Gray, recently with J. W. Smith & Co., has been elected chief weighmaster of the Grain and Flour Exchange. He was also appointed ass't inspector and will look after all shipments arriving here over the B. & O. and the Pittsburg & Lake Erie railroads.



## PHILADELPHIA LETTER.

The exports of corn for the last 12 months, over the preceding year foot up 1,648,621 bus. and the receipts for the same time are 396,357 bus. greater.

During the month of December 299,557 bbls. of flour, 1,852,513 bus. of wheat, 393,038 bus. of corn, 334,641 bus. of oats, and 6,281 tons of hay were received here.

The report of the special committee to investigate the charges from abroad that grain was being shipped from here which when received was in faulty condition and not up to the specified inspection standard, has been presented to the parties interested.

The E. E. Delp Grain Co. has succeeded Delp, Ettinger & Co., Geo. D. Ettinger retiring and Eumund E. Delp and Aug. F. Gruber continuing the business at Bourbon, Ind., and Philadelphia, Pa.—E. E. Delp Grain Co.

The Clevenger Co. of Camden, N. J., has been incorporated to deal in grain, hay, feed, straw, seeds, produce, etc., with capital of \$25,000; incorporators are Samuel J. Clevenger, Walter G. Farley and Arthur H. Clevenger, all of Camden.

The new freight rates between Boston and Chicago are claimed to be considerably less than between here and the Windy City, and in consequence thereof there is a vigorous "kick" being made by the trade organizations hereabouts, and they are "getting busy" and making all sorts of threats against the offending transportation companies.

Frank K. Hollaway, the former cashier of the Hancock Grain Company, has gone into the general grain business for himself and established headquarters in the Bourse bldg., and applied for regular membership to the Commercial Exchange. His long experience and gentlemanly demeanor has made many friends who wish him well, and his eastern acquaintance among the grain trade should bring him profitable patrons.

The last day of the year "package war" between the grain and the flour men, on the floor of the Commercial Exchange, notwithstanding there were several thousand people in the galleries of the Bourse to witness it, was of so short duration and such a tame affair, that it is now generally predicted, that this "hoodlum" custom will be hereafter consigned to the "demnition bow-wows." The total casualties were scratched face and bloody nose of one grain broker who was a trifle too strenuous.—S. R. E.

## PITTSBURG LETTER.

Jas. McCaffrey of Daniel McCaffrey & Sons, has started on an extensive trip through the west.

The Morton Grain & Hay Co., proprietor of the Pittsburg Eltr., is doing a more lively business and is satisfied that 1910 prospects are good.

W. J. Mahood, of McCaffrey Sons & Co., has left that firm and is now trading for himself in Pittsburg. Formerly he represented in this city R. P. Lipe & Co., of Toledo.

J. W. Smith & Co. announce that it is hard to get grain, although Pittsburg dealers are quoting high prices for it. Western quotations still have the favor with country shippers.

B. McCracken & Son look with much favor on the recent big advance in hay and report that grain is getting up more nearly to prices that will correspond with western quotations.

A rather peculiar feature of the grain market in Pittsburg is the falling away in barley business. Formerly 1,000 cars or more of barley a year were sold thru this market. Now only a small amount is sold to maltsters, hardly a car a week. Most of the rye coming to this city now is shipped from Michigan and Wisconsin and firms which handle that grain are reporting fairly satisfactory sales.

The Pittsburg Grain & Flour Exchange is arranging to give a royal welcome to H. W. Robinson, pres., and J. Vining Taylor, sec'y, of the National Hay Ass'n, when they come here next week to inspect Pittsburg methods of handling hay. The Exchange is much interested in their findings and will tender the visitors a banquet at the Fort Pitt Hotel, Jan. 12, when all the kinks in the hay shipping business will be straightened out.

C. C. Alexander, Sec'y of the Pittsburg Grain & Flour Exchange, reports that in his judgment, at least 25% more business was done by Pittsburg dealers in 1909 than in 1908, showing that in spite of hard times this city is getting to be known as a much better hay and grain market. The Exchange is a more lively organization than ever before and its members are attending closely to its sessions. Four new members have recently been added as follows: Clarence Schlentz, with R. D. Elwood & Co.; R. V. Harper, with Hardman & Heck; M. F. Heck, of the Clark Grain & Hay Co., and Jas. Naughton, with McCaffrey Sons & Co.

Effective Jan. 1, the Pittsburg Grain & Flour Exchange adopted the following bylaw: Section No. 1. The tariff of commissions hereinafter provided and the inspection and weighing fees adopted by the Board of Managers of this Exchange, shall be charged to the shipper on each account sale, of all cars consigned to be sold for account and risk of shipper, or sold to members of this Exchange. Pittsburg terms. (Pittsburg weights and inspection) and their observance enforced by the penalty hereinafter provided. Wheat, 1½ cents per bu. Shelled corn, 1 cent per bu. Ear corn, 2 cents per bu. Rye, 1½ cents per bu. Barley, 2 cents per bu. Oats, 1 cent per bu. Timothy, prairie and all other grades of hay, 5 per cent. None less than 75 cents per ton. Straw, 5 per cent, with minimum of 50 cents per ton. Bran, middlings and millfeed of all kinds, 5 per cent with minimum of 50 cents per ton. Section No. 2. Insurance. The regular rates established by the Pittsburg Board of Underwriters, for insurance on Pittsburg eltrs shall be charged on all grain and hay sold for customers. Interest. Interest shall be charged at the rate of not less than 6 per cent per annum, on all monies advanced on grain or hay, except when consigned to be sold on arrival, or shipped to fill track sales. Penalty for Violation. First offense, fifty (\$50) dollars fine; second offense, six months suspension; third offense, expulsion.

January opened in this city with hay and grain running right up the scale. Hay has advanced about \$4.00 per ton in the past 10 days. No. 1 timothy is mighty scarce and No. 2 is being eagerly sought in all directions by local firms. Ohio and Indiana hay constitute the bulk of the arrivals at present. Local dealers believe that the industrial and mining situation, together with the big bulk of business in all lines looming up is go-

ing to force still higher prices for good hay and they are not taking any chances in quoting present prices except for immediate delivery. Grain quotations have advanced also a little, but not enough to put them in line with the western list and on this account Pittsburg is still "off the map" with many shippers. Straw is beginning to arrive in larger quantities as the packing trade is getting busy. In some quarters there are serious complaints of a car shortage but in general, comparatively little is said to indicate that there is not a fair supply of cars available. Hay shippers are kicking the worse about this chiefly on the branch lines. Pittsburg is going to make a strong bid this year for trade in northern Pennsylvania and Eastern Ohio which has been going too largely to Buffalo and Cleveland firms. The big increase in hay and grain business done in this city last year shows that the "Smoky City" is a logical central point for general distribution and that prices can be made in Pittsburg which will meet most competition.—P.

## SOUTH DAKOTA.

Milbank, S. D.—The eltr. of the Empire Eltr. Co. was damaged by fire.

Naples, S. D.—W. W. Cargill Co. sold to the Farmers Eltr. Co.—H. J. Bulton.

Huron, S. D.—F. B. Reese has bot the eltr. of Steele Bros.—Townsend & White.

Hudson, S. D.—The Reliance Eltr. Co. is out of business; its eltr. burned.—C. E. La Bar.

Stockholm, S. D.—Farmers Eltr. Co. has bot the plant of the Northwestern Eltr. Co.

Selby, S. D.—Colman & Wagner have succeeded Baer & Wagner.—Selby Roller Mill & Eltr. Co.

Miller, S. D.—I have succeeded Miller Bros. and am operating 2 eltrs. here.—Chas. Thomson.

Northville, S. D.—The plant of the Sleepy Eye Milling Co. was burned.—Ralph Peterson.

Eureka, S. D.—Jacob Kiesz has bot the eltr. of the Barbara Grn. Co., and has taken possession.

Ortley, S. D.—Dan Glennly has succeeded F. Hayden as mgr. of the Ortley Farmers Eltr. Co.

Selby, S. D.—Nusz Bros. have bot the eltr. of the Montevideo Roller Mill Co.—L. A. Anderson.

Doland, S. D.—An eltr. may be erected here by Jacob, Ed. and Henry Hafner of Freeman, S. D.

Tolstoy, S. D.—The Tolstoy Grn. & Imp. Co. has succeeded the Reiner-Mees Eltr. Co.—Henry Mees.

Chancellor, S. D.—F. J. Meir has installed a new engine in his eltr.—C. W. Franks, agt. A. H. Betts.

Monroe, S. D.—A movement is on foot here to start a co-operative farmers' house.—C. Van Dewater.

Shindler, S. D.—I have succeeded Marion Barr as agt. for Moreland & Shuttleworth.—Benj. Hanna.

Presho, S. D.—The eltr. of C. W. Derr was bot by the Lyman Co. Farmers Eltr. Co.—W. P. Ladd, agt. L. C. F. E. Co.

St. Charles, S. D.—C. F. Turney has succeeded Ed. Lynn as mgr. of the Wm. Krotter Co.—Nye Schneider Fowler Co.

Monroe, S. D.—K. J. Doeden, Jr., has succeeded E. C. Propp as agt. for J. T. Scroggs.—M. S. Blake, agt. T. J. Ryan.



James, S. D.—The Empire Eltr. Co., for which I am agt., contemplates repairing its eltr. in the spring.—Henry Roers.

Nunda, S. D.—O. Selland has succeeded S. Soward as agt. for the Farmers Eltr. Co.—E. W. Clapham, agt. Snyder Grn. Co.

Kidder, S. D.—M. D. O'Neill of Gar- rison, Ia., has the management of the eltr. of the Cargill Eltr. Co. at this sta- tion.

Parkston, S. D.—Tiede & Winter have succeeded Jacob Fergen & Co.; I have succeeded Rempfer, Kayser & Co.—C. Rempfer.

Herrick, S. D.—Otto Miller has suc- ceeded A. Smith as agt. for the Wm. Krotter Co.—A. Beck, agt. Nye Schnei- der Fowler Co.

Springfield, S. D.—A. W. Swayne has bot the plant of J. M. McCollum; J. W. Dewitt has bot the house of S. M. Brann. —Eugene Colburn.

Volin, S. D.—The eltr. of M. King has been torn down and he no longer con- ducts a grain business here.—E. A. Har- seim, agt. Atlas Eltr. Co.

Wolsey, S. D.—H. D. Reed has suc- ceeded W. H. Carr as agt. for the South Dakota Grn. Co.—J. W. Montgomery, agt. Schaeffer Bros. & Co.

Cresbard, S. D.—A 70,000-bus. concrete eltr. is being erected here for the Farm- ers Eltr. Co. by S. H. Tromanhauser. The work was started in May.

Ipswich, S. D.—Columbia Eltr. Co. is out of business here; Victoria Eltr. Co. is a new concern at this station; agt. is Art Reeves.—Moritz & Carrington.

Faulton, S. D.—The flat house of the Western Eltr. Co. has not been open for 15 years; is used by the Atlas Lum- ber Co. for storing lumber.—C. E. War- ner.

Wentworth, S. D.—The eltr. of the Jones Bros. Grn. Co. was closed Dec. 1. I was agt. for the company but have taken a farm near Rutland, S. D.—M. S. Reaney.

Mission Hill, S. D.—C. Frederick, of Tripp, S. D., has bot the eltr. of H. De Camp; L. V. O'Neill is mgr. Tripp Grn. Co. is out of business.—C. E. Jones, agt. M. King.

Kranzburg, S. D.—I bot the eltr. and coal sheds of the Atlas Eltr. Co. at this station about 2 years ago and am the only person doing a grain and coal busi- ness here.—Anton Marx.

Plankinton, S. D.—The eltr. of the Reliance Eltr. Co. is closed. E. A. Earl is agt. for the A. A. Truax Eltr. Co.; W. F. Conway is mgr. of the Plankinton Farmers Eltr. Co.—P. F. E. Co.

Pierpont, S. D.—Andrew Ottum has bot the eltr. of R. P. Roberts; the eltr. of the Nat'l Eltr. Co. is closed; I have succeeded A. S. Martyn as agt. for the Empire Eltr. Co.—E. D. Knadle.

Volin, S. D.—I am out of the grain business and expect to go to Oregon in the spring and engage in business for myself, tho not in the grain line.—W. O. Nelsen, formerly agt. M. King.

Hitchcock, S. D.—The eltr. of the Western Eltr. Co. is closed; it has no agt. here; M. Drake has succeeded R. A. Cotton as agt. for G. W. Van Dusen & Co.; I have succeeded F. C. Tenney as agt. for the Atlas Eltr. Co.—E. E. Mon- roe.

Henry, S. D.—Chas. Patterson, who was our agt. for 3 months this fall, re- moved to Carmon, Calif., where he will make his home.—E. Blankenburg & Co.

Raymond, S. D.—Fred J. Merbach is the present agt. for the Eagle Roller Mill Co., he having succeeded Geo. Mer- bach, whose death occurred last winter. —Chas. C. Smith, agt. Atlas Eltr. Co.

Revillo, S. D.—Mr. Davis of Larson, Orwoll & Davis, sold his interest to his partners, Larson & Orwoll, and hereaf- ter the name of the firm will be Larson & Orwoll.—C. D. Hewitt, mgr. L. & O.

Richmond sta., Aberdeen p. o., S. D. —The eltr. of the Hasvold Grn. Co., H. R. Hasvold, buyer, has been closed; company's headquarters are at Aberdeen. —Wm. Kagel, agt. McIntyre-Ferich Co.

Sherman, S. D.—W. J. Tait has suc- ceeded Chas. Hanson as agt. for the Duluth Eltr. Co.; the latter now is mgr. for the Farmers Eltr. Co. at De Graff, Minn.—P. Vandenberg, agt. Thorpe Eltr. Co.

St. Lawrence, S. D.—M. D. Harris & Son have succeeded W. J. Davey; H. E. Goyki has succeeded C. Thompson as agt. for the Miller Eltr. Co.; I have succeeded C. D. Hoskings as agt. for G. W. Van Dusen & Co.—J. D. Eueboe.

Garden City, S. D.—The firm of Mc- Kee & Minthorn has been dissolved and the eltr. at this place is now owned and operated by Joel McKee. Mr. Minthorn owns and operates their eltr. at Bradley. —O. G. Haugen, agt. Joel McKee.

Lebeau, S. D.—Early in October I closed out the Le Beau Grn. Co. to Boeh- mer & Byrnes, who are operating the house as a feed store under their own name. I am now in no way interested in the grain business.—George L. Shaw.

Worthing, S. D.—H. Bradshaw is not a regular buyer; he has built on to the eltr. of Wm. Bradshaw & Co. and takes care of grain received from his renters; Bailey & Stahl of Dolton, S. D., have bot the eltr. of the Reliance Eltr. Co., which has been closed for some time.—J. Mad- den & Son.

Flandreau, S. D.—The Flandreau Eltr. Co., a concern recently formed, has bot the eltr. of W. A. Dings. The members of the company are Jesse A. Smith, J. P. Tenold, H. A. Booth, G. E. Pettigrew, Chris Braake, W. F. McClelland and Ira F. Blewett. The company will be in- corporated and Chris Braake has been appointed mgr., the eltr. already having been opened for business.

## SOUTHEAST.

Covington, Va.—A storage eltr. of con- crete, reinforced, with capacity of 50,000 bus., is being erected here for the Al- leghany Mlg. Co. by the Macdonald En- gineering Co. The bins of the eltr. are 10 ft. square and 50 ft. deep.

Atlanta, Ga.—A loss of about \$6,000 resulted from a fire of Dec. 25 in the store of the Sims Grain Co.; the com- pany is said to have carried \$6,000 in- surance until a short time ago when all but \$1,000 was cancelled.

Columbus, Ga.—While neighboring states have not fared so well our state has been particularly blessed this year. Our crops have shown no decrease but instead their money value has materially increased. Peace and plenty should abound. As the Yuletide draws near we recall many pleasant business memories of the year just closing.—Dan Joseph Co., per Dan Joseph, pres.

## TEXAS.

Dalhart, Tex.—E. C. Williams has bot the interest of H. C. Floyd in the Dal- hart Mill & Eltr. Co.

Fort Worth, Tex.—The Updike Grn. Co. has filed notice of its dissolution as a corporation in this state.

San Antonio, Tex.—R. Lupton has sold out his stock in the R. Lupton Grain Co. to the remaining stockholders.—R. Lupton Grn. Co., per A. M. Oppenheimer, sec'y & treas.

Fort Worth, Tex.—The new feed plant of E. R. & D. C. Kolp has been complet- ed. The building is 3 stories high, 60x90, and is equipped with up-to-date machin- ery. Their output will be alfalfa stock food, the capacity of the plant being about 1,000 bags a day.

San Antonio, Tex.—I have sold my in- terest of 41% of the stock in the in- corporation of R. Lupton Grn. Co. and am doing business under the name of R. Lupton. I was mgr. of the Empire Grn. Co. of this city during its entire existence, being almost 4 years, which branch I succeeded almost 2 years ago.— R. Lupton.

Galveston, Tex.—December clearances for foreign ports of grain loaded at Gal- veston included 188,138 bus. wheat and 642,856 bus. corn; compared with 246,480 bus. wheat and 2,147,485 bus. corn ex- ported during the corresponding month of 1908. Total shipments since Sept. 1, 1909, have been 1,508,219 bus. wheat and 994,285 bus. corn; compared with 4,253,364 bus. wheat and 5,504,629 bus. corn shipped during the corresponding period of 1908.—C. McD. Robinson, chief inspector Galveston Board of Trade.

## UTAH.

Salt Lake City, Utah.—The Intermoun- tain Mlg. Co. is erecting an alfalfa meal mill, 30x40, 2 stories in height, with stor- age barns included in the plant.

Salt Lake City, Utah.—The Porter- Walton Co., grain and seed merchants, has bot from A. H. Vogeler, of the Vogeler Seed & Produce Co., a tract of ground upon which it will erect a ware- house for grain.

Salt Lake City, Utah.—Sam William- son, the well known grain broker and seed dealer, died Dec. 21 at Pasadena, Cal., where he had gone 3 weeks before to recuperate from an attack of typhoid fever. The immediate cause of death was pneumonia, which developed after his ar- rival in California. Mr. Williamson was a native of Scotland and came to this city 20 years ago. He transacted a large business as a grain broker.

## WASHINGTON.

Tacoma, Wash.—The \$10,100 personal injury suit of Frank McMullen against the Tacoma Grn. Co. was non-suited Dec. 21 upon motion of the defendant.

Spokane, Wash.—The Farmers Grn. & Supply Co. on Dec. 30 won the case that had been brot against it by B. C. Mosby, receiver of the Spokane-Columbia River Ry. & Nav. Co. to recover \$19,000. The defendant denied that it had paid the money to the railroad company, when the latter was insolvent, in order to make it a preferred creditor.

Olympia, Wash.—Contrary to the ex- pectations of grain shippers the state railroad commission did not issue an or- der effective January 1 that a shipper may ship to himself without paying in- spection fees. Lively litigation will therefore follow as the big buyers de-



clare they will take the matter into the federal courts before they will submit to this taxation. A report was recently circulated—and many deemed it an advance notice—that the commission had decided to allow shippers to mark their bills "Not subject to inspection," thereby curtailing this source of revenue and practically forcing the state system of inspection out of business. This report was emphatically denied by Jesse S. Jones, a member of the commission. "The proposition was brought up for consideration by Commissioner Fairchild," said Mr. Jones, "but Commissioner J. C. Lawrence, who framed the state law, and myself—we form a majority of the commission—have decided not to issue a rule of this kind. In view of the W. W. Robinson case of this kind, now in the courts, it was suggested that it would be a good idea for the commission to construe the law so that a shipper could ship to himself and have the grain exempt from inspection. Pending the final settlement of the Robinson case, we have decided to take no such action in the matter."

### WISCONSIN.

Askeaton, Wis.—Frank Sotright has succeeded Jos. Euhl as mgr. of the eltr. of the A. G. Wells Co.

Osceola, Wis.—Frank Langenbach, Jr., a grain buyer of this place, and Miss Leola Staples were married in St. Paul Dec. 28.

Manitowoc, Wis.—A malting plant and a battery of eltrs. will be erected in this city in the spring by the Schreihart Brewing Co.

Superior, Wis.—An extension of time has been arranged on the agreement between the eltrs. at this market and the Wisconsin Warehouse Commission, under the terms of which, 2 years ago, hostilities were brot to a close after a long fight. The time of the original agreement expired Jan. 1.

Superior, Wis.—Unjust discrimination against the grain houses of the city by the local banks is the charge the Commercial Club recently made. The charging of exchange on checks drawn on banks in payment for grain to Dakota concerns is the base of the trouble. As no exchange charges are made in Minneapolis, St. Paul or Duluth for clearing house checks drawn on banks located in the cities named, the grain men feel they are not receiving fair treatment.

### MILWAUKEE LETTER.

The Cargill Eltr. Co., a corporation of Minnesota with capital of \$1,000,000, and with interest in Wisconsin of \$25,000, recently filed a statement with the sec'y of state at Madison to transact business in this state.

One thousand invitations were issued to the annual celebration given by the members of the Milwaukee Chamber of Commerce, held on Dec. 31. The rooms of the exchange were crowded with the families and friends of the members.

Richard Schomberg, pres. of the Schomberg Hardwood Lbr. Co., has bot the old plant of the Milwaukee Grn. Co., the consideration, as reported, being between \$80,000 and \$100,000. The site is occupied by 3 eltrs. and 2 malt houses, and it is rumored that Mr. Schomberg contemplates converting the buildings into an artificial ice plant.

A new local grain firm is Stacks & Kellogg. The senior member is W. E. Stacks, who has had 15 years' experience

in the grain business. His associate is W. G. Kellogg, a young man of energy and enthusiasm, who is well acquainted in the trade. Both members of the firm, during the last 3 years, have been connected with Fagg & Taylor.

## Seeds

The Bowers-Niblick Grain Co. of Decatur, Ind., will build a one-story house, 22x80 ft., in which to handle and store seeds.

Prospects for clover are A No. 1 in this vicinity and in all sections where I have visited.—N. M. King of J. M. King & Son, North Vernon, Ind.

The Ohio Valley Seed Co., of Evansville, Ind., has given notice of an increase in its capital stock from \$10,000 to \$25,000; H. J. Graf is pres. of the company.

Plans are being prepared for a 5-story, fireproof warehouse at Winnipeg, Man., for the A. E. Mackenzie Co., seed merchants, to be erected on the site of its plant recently burned.

The Ewing Seed Co. has been incorporated at Nashville, Tenn., with capital of \$15,000. The incorporators are W. B. Ewing, J. I. Newson, Jr., B. F. Wilkerson and William B. Shelton.

The J. W. Ross Co. has been incorporated at Centralia, Ill., to engage in the florist, seed and nursery business; capital \$40,000; incorporators, J. W. Ross, J. E. Karnes and J. J. Bundy.

Fire in the second story of the building occupied by the Stoecker Seed Co., Peoria, Ill., Jan. 1, damaged a large stock of seeds valued at several thousand dollars. Loss, \$10,000; fully insured.

London, Eng.—New English red clovers are not in existence. Yearling seed very scarce and will soon be absorbed. German seed crop very small. Russian crop large, but broad demand for it. Fine qualities French scarce, with prices high, but justified. Chilians still steadily accumulating, with prices more reasonable. Alsike continues firm.—*Corn Circular.*

Toledo received during the week ended Jan. 8, 725 bags of clover seed and shipped 860 bags, against 3,200 bags received and 4,200 bags shipped during the corresponding week of 1908. Receipts for the season to date have been 30,700 bags, and the shipments 8,100, against 92,800 bags received and 49,100 shipped during the corresponding week of the previous season.

Baltimore received during December, 1909, 2,254 lbs. timothy seed and 1,505 lbs. clover seed compared with 2,936 lbs. of timothy seed and 8,061 lbs. clover seed received in Dec., 1908. Shipments in Dec., 1909, included 8,729 lbs. of timothy seed and 1,897 lbs. clover seed against 5,180 lbs. timothy and 1,356 lbs. clover seed shipped during Dec., 1908, as reported by Jas. B. Hessong, sec'y-treas. Baltimore Chamber of Commerce.

During November, 171 samples of seeds were received at the Ottawa (Canada) seed laboratory for germination or purity test. Fifty-two samples of red clover were tested for purity and of these 16 graded No. 1, 30 were salable under the Seed Control Act but not No. 1, while six were prohibited. Of the 51 samples of alsike seed tested, 14 were

No. 1, 30 salable and seven prohibited. Of the 34 samples of timothy seed tested, 32 were No. 1 and two salable.

Mustard seed imports into Germany during 1909 were as follows: from Italy, 628.4 tons; from Netherlands, 432.6; from Russia, 2,493.8; from other countries, 439.2 tons; compared with imports during 1908: From Italy, 546 tons; Netherlands, 791.9; Russia, 1,994; other countries, 384.6. Exports from Germany, during 1909, were: To France, 96.4 tons; to Switzerland, 9.7; to other countries, 14.6; compared with exports during 1908: To France, 143 tons; Switzerland, 10.5; to other countries, 18.3.

A card catalog of growers and breeders of good seed corn is kept by the Bureau of Plant Industry of the Dept. of Agriculture at Washington. To growers and breeders who do not issue catalogs the Department issues a card on which to enter the names of the varieties of seed, the quantity for sale, the price per bushel and the name and post office address of the grower or breeder. The government endeavors to keep a complete file of all leading varieties of corn with the purpose of informing farmers where they can obtain seed corn thought to be well adapted to their use.

Seven varieties of soy beans, Mammoth, Hollybrook, Guelph, Ito San, Buckshot, Ogemaw, and Wisconsin Black are handled by American seedsmen at the present time. During the last three years more than two hundred additional varieties have been introduced from China, Japan and India, most of which have already been sufficiently tested to give some idea of their value. Many of the new varieties are so superior in various respects that they are certain to replace all of the varieties named except the Mammoth and, perhaps, the Ito San.—*Farmers' Bulletin No. 372, U. S. Dept. of Agri.*

Chicago received during the week ended Jan. 8, 144,500 lbs. timothy seed, 6,550 lbs. clover seed, 1,030,800 lbs., other grass seeds and 23,000 bus. flaxseed compared with 852,365 lbs. timothy seed, 210,644 lbs. clover seed, 548,388 lbs. other grass seeds, and 56,950 bus. flax seed during the corresponding week of 1909. Shipments included 215,435 lbs. timothy seed, 32,200 lbs. clover seed, 524,601 lbs. other grass seeds, and 4,766 bus. flaxseed against 480,855 lbs. timothy seed, 148,587 lbs. clover seed, 1,246,148 lbs. other grass seeds and 2,000 bus. flaxseed shipped during the corresponding week of 1909.

Several more prosecutions for violations of the Canada Seed Control Act have been carried thru. The only one in Ontario was the case against Stephen Bros., of Meaford. In Quebec the following retailers have been tried and convicted: R. B. Scott & Sons and A. M. McKenzie, Scottstown; C. O. Roberge, Victoriaville; I. Denault, Arthabaska; J. A. Savoie, Plessisville; and Paul Tourigny & fils, Victoriaville. Most of these firms escaped being fined by revealing the name of the wholesale dealer from whom they purchased the seed in good faith. The following wholesalers in Quebec have been convicted and fined for supplying seeds to retailers contrary to the provisions of the Seed Control Act: Clough & Co., Lennoxville; Denault Grain & Provision Co., Sherbrooke; Genest & fils, Sherbrooke.—Geo. H. Clark, Seed Commissioner, Ottawa, Canada.



X stands for the unknown quantity. It represents the amount of old clover seed carried over from the big crop of 1908. Guess that, and we will tell you whether the bulls or bears will run the March sales. It will decide whether eight- or ten-dollar seed will prevail during the busy season. Speculation might cause even a greater change. High prices might attract some from abroad, while low prices might stimulate some export demand. Foreigners are watching Toledo, the leading market of the world. There are about 55,000 bags seed here, mostly hedged by March sales. There will be no January or February liquidation of consequence.—C. A. King & Co.

Imports of clover seed, during the ten months prior to Nov. 1, amounted to 13,528,670 lbs.; flaxseed, 922,632 bus.; compared with 14,705,947 lbs. clover seed and 34,587 bus. flaxseed imported during the corresponding period of 1908. Exports of clover seed during the ten months of 1909 prior to Nov. 1 amounted to 11,778,856 lbs.; flaxseed, 3,021 bus.; timothy seed, 16,988,983 lbs.; other grass seeds valued at \$384,509; compared with 4,749,724 lbs. clover seed; 1,395,468 bus. flaxseed, 18,082,732 lbs. timothy seed and other grass seeds valued at \$291,917 exported during the corresponding period of 1908, as reported by O. P. Austin, chief of the Bureau of Statistics.

A new market for clover seed is the object sought by three Indianapolis men who have bot the Southern Eltr. there, located on the J. M. & I. tracks, and new concrete grain tanks will be erected near the house. Leslie Connaroe, Lewis H. Jordan and J. Clifford Jordan are the purchasers of the eltr. and site of 2 acres which belonged to Mrs. Anna K. Stoops of Chicago. Price paid was \$25,000 and between \$10,000 and \$15,000 will be expended in improvements. The eltr. formerly was known as the Pennsylvania transfer house and has capacity for about 100,000 bus. A specialty of clover seed will be made by the new firm, the effort looking toward the making of Indianapolis a center for such business. J. C. Jordan and L. S. Connaroe will have the active management of the new concern.

Methods of testing alfalfa seed are described and the results of 42 samples analyzed are given in tables and briefly noted by L. A. Moorhouse and W. L. Burlison in Okla. Sta. Bul. 83, pp. 3-23. The samples are grouped as follows: High in purity with medium germination; low in purity with satisfactory germination; low in purity with good vitality; and low in purity with low germination. Of 400 samples examined by the station not more than 20 were high in purity and at the same time vigorous in germination. A list of the weed seeds found in alfalfa seed is given and the more important species described. *Setaria glauca*, *S. viridis*, *Plantago lanceolata*, *Panicum capillare*, and *Centaurea picris*, given in decreasing order of importance, were most common in the samples of alfalfa seed examined.

The "met" cow pea, originally a tropical plant, has been acclimated to the short season of hot weather in Missouri, and because of rapid growth they cover the soil, overshadowing and outgrowing such useless plants as pursley, amaranth, ragweed, mallow, vervain, iron weeds and jimson or stramonium. The peas, like all leguminous plants, enjoy a slight shade, and therefore are usually planted among corn, and pastured or else gathered for ensilage. Corn is planted in drill rows every 10 inches, rows being placed

5 ft. apart; peas are covered when corn is being laid by. The cow pea, growing rapidly, covers the soil like a mat, which causes the land to retain moisture during the heat of summer. The peas may be pastured or may be allowed to grow until the weather becomes frosty, when the leaves are shed. At this season of the year the air is too chilly and damp to permit of making hay. The peas, having ceased to grow, the vines are dragged out by the roots and transferred to a pen in barn and mixed with well cured hay or fodder corn, layer after layer, and stacked up as high as convenient. The mass is then covered with boards and weighted down to exclude the air. Fermentation soon begins. The silage is used in January, February and March. It is relished by stock. The peas, in some parts of Missouri, are sown on stubblefields after small grain has been harvested. The pea crop often is more valuable than the wheat which precedes it.—Chas. E. Prunty.

## Canada May Establish Germination Standards for Seeds.

A bill to amend the Seed Control Act has been laid before the Canadian Parliament, the main feature of which is the provision of a standard of germination which seeds must come up to before they may legally be sold in Canada for seedling.

The amendment requires that the seeds of cereals, grasses, clovers, forage plants, field roots or garden vegetables offered for sale must be capable of germinating in the proportion of at least two-thirds of the percentage standard recognized for good seed of the kind. All packages, bags or other receptacles containing seeds that do not come up to two-thirds of the standard of germination must be marked, showing the percentage of the seeds that are capable of germination.

The percentage standard vitality for good seed of the principal kinds is as follows: Cereal grains, including Indian corn, 95; beans, 90; flax, 95; timothy, 95; rye grasses, 80; clovers, including alsike and alfalfa, 95; millet, 95; cocksfoot, brome, meadow fescue and bluegrass, 85.

The amendment also provides a classification for alfalfa seed in relation to purity, the same as is now given for timothy, red clover and alsike seed in section 7 and 8. It is expected that the amended act will be in force for the seed trade of 1910.

A printed "pellagra map" of the United States shows that Illinois has a much larger acreage of pellagra than it has of bituminous coal.

Uruguayan wheat has been deteriorating during recent years, Consul F. W. Goding of Montevideo advises, and in order to improve the quality of the grain, with the purpose in view of increasing its exportation, the government has resorted to legislation. A fine of 20 centesimos (21c) is imposed on every 100 kilos (kilo equals 2.2 lbs.) which has been threshed before being properly prepared by the farmer. Threshing-machine owners, operating their machines after June 25, 1909, are to be fined 30 centesimos (31c) for each 100 kilos threshed that had not been properly prepared in accordance with the regulations proclaimed by the executive, who is empowered to enforce the law and proclaim its objects.

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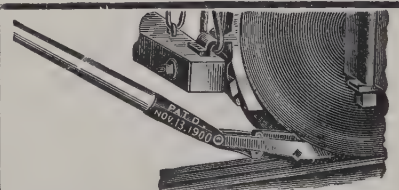


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## Grain Carriers

Representative Humphrey has introduced a ship subsidy bill.

In the harbor of Duluth there are 57 boats of all kinds wintering.

The steamer Wexford, loaded with grain, has been released from her stranding place below Sault Ste Marie, Mich.—B.

The Gt. Northern issued orders Dec. 29, all along its lines, not to accept any wheat for shipment, as it claimed to have 2,000 cars on sidings that it could not get into Minneapolis.

The right of reconsignment in transit does not carry with it the right to remove a portion of the carload at the reconsigning point.—Decision by Interstate Commerce Commission. 17 I. C. C. 220.

The strike of the switchmen in the Northwest remains practically unchanged. Numerous conferences at Washington and elsewhere have come to naught, each side claims a victory and the end apparently is not yet in sight.

Part of the cargo of flaxseed of the W. C. Richardson, which went ashore off the harbor of Buffalo a short time ago, is said to be in good condition. A wrecking crew is now preparing to begin the work of raising the vessel and divers will be put to work if weather conditions remain favorable.

The shortage of freight cars for the United States now totals 24,054, according to the latest fortnightly bulletin of the American Railway Ass'n. This is an increase of 5,461 over the previous two weeks, while the surplus in the same period only increased 884, bringing the total up to 58,354.

The loss of the German steamer Utgard, with a cargo of 210,826 bus. of wheat, consigned by Balfour, Guthrie & Co., from Portland, Ore., to Europe, was reported by cable Dec. 17. The steamer is said to have gone ashore at Boxa Point, near Punta Arenas, in the Strait of Magellan. About a year ago the German steamer Wangard, sister ship of the Utgard, was lost while enroute from Tacoma to Europe with a cargo of grain.

The tariff of defendants in force when shipment involved was made held to be unreasonable and unlawful in that it did not contain a rule providing that when carriers are unable to furnish a car of large dimensions ordered by shipper, they may furnish two smaller cars, which may be used on the basis of the minimum fixed for the car ordered. Provision to that effect subsequently published required to be maintained for two years, and reparation awarded.—Interstate Commerce Commission. Wm. F. Jobbins v. C. & N.-W. Ry. Co. 17 I. C. C. 297.

The shipowners' combine, established for the purpose of holding up grain-carrying rates, and largely affecting ports on Puget Sound, has been dissolved and it is now believed there will be considerable stimulation of commerce in that direction as a result. It was clearly seen by the sailing ship owners, who formed the union, that it was futile to try longer to maintain the fixed rate of 27s 6d on grain and the decision was reached to break up the combine and allow individual owners to accept any rate offered that they wished.

The Baltimore & Ohio Southwestern on Jan. 5 paid a fine of \$1,000 in the circuit court at Springfield, Ill., for discrimination in freight rates. The road is alleged to have charged a less rate for the shipment of grain from Pleasant Plains to East St. Louis than it did from Richland to East St. Louis, altho the latter is a nearer point.

Representative Mann of Illinois, chairman of the committee on interstate and foreign commerce, introduced a bill Jan. 4 making sweeping changes in the Interstate Commerce Act and creating a bureau of transportation in the Dept. of Commerce and Labor to hear complaints by shippers. The bill has been referred to the committee of which Mr. Mann is chairman.

The ruling of the Interstate Commerce Commission that the maintenance of a cottonseed cake and meal mill and warehouse on pier C of the Southern Pacific Co.'s wharves at Galveston, thru a contract entered into between the Southern Pacific and Southern Pacific Terminal Co. and E. H. Young, constitutes a monopoly, was sustained at a special session of the U. S. Circuit Court at Galveston and a final decree to that effect was entered.

Shippers have found of interest a judgment recently rendered against the Allan Line Steamship Co., Ltd., in favor of Crawford & Law, flour importers, of Glasgow. The decision is to the effect that where a carrier specifies in a B/L that stuff is received in apparent good order at point of origin it is legally bound to deliver in the same condition or be liable for damages. The chief importance of the decision lies in obtaining a definite construction of the ocean B/L now in general use.

The Rock Island Southern Ry. is a new steam and electric railroad, organized under the steam railroad laws of Illinois, running due north from Monmouth to a connection with the Chicago, Rock Island & Pacific, a distance of 31 miles, thence operating into Rock Island, 20 miles, by lease over the C. R. I. & P. The construction company is under contract to have the road ready to operate by steam between Monmouth and Rock Island by April 1, 1910. A projected extension of the road extends from Monmouth to Galesburg, 18 miles. The company has traffic arrangements with the Rock Island system and at Monmouth will exchange traffic with the Santa Fe, Iowa Central and the C. B. & Q.

A carload rate and minimum weight, specified in a published tariff as applicable to a car of stated size, constitute a definite offer to the shipping public to move the commodity on those terms, and when a shipper has ordered a car of that capacity the commission will not sanction the imposition upon him of additional transportation charges on a shipment that could have been loaded into such a car when the carrier for its own convenience furnishes him a larger car. The tariffs of the defendants held to be unreasonable and unlawful in that they did not contain a rule providing that when for their convenience they use a larger car than the one ordered the published rate and minimum weight applicable under their tariffs to a car of the dimensions ordered will be applied in all cases where the shipment actually moved could have been loaded into a car of the size ordered. Reparation awarded.—Interstate Commerce Commission. Kaye & Carter Lumber Co. v. M. & Int. Ry. Co. 17 I. C. C. 209.

The question of an early closing of navigation on the Great Lakes will come up for discussion at a meeting of the Great Lakes Protective Ass'n to be held at Detroit about the middle of January. There is an agitation to close when the regular insurance expires on Dec. 5. The meeting probably will be held just before the annual meeting of the Lake Carriers Ass'n in Detroit on Jan. 20. Regarding a shorter lake season Pres. Livingston of the Lake Carriers Ass'n, says the sentiment is strongly in favor of it. "Nearly 90 per cent of the owners," he said recently, "now bring their season to a close with November, and they are interested in having all boats stop then. When the underwriters meet in the spring to take action on the rate for the coming season they figure in the last season's losses and figure on making up for them. If the losses have been heavy the rate is higher." While the shortening of the season would mean a considerable saving in insurance charges, it also would have the advantage of concentrating traffic, which is much desired by the carriers. There would be less holding back of freight in the expectation of lower rates.

### Changes in Grain Rates from Chicago to Points East.

Bulletin No. 63, issued from the office of W. M. Hopkins, mgr. of the Transportation Department of the Chicago Board of Trade, gives new grain rates effective Feb. 1, from Chicago to eastern points. Exceptions to the date named are noted below.

On grain originating at points from which thru rates are not in effect the following rates will become effective: To Albany, N. Y., 15.5c per 100 lbs.; to Baltimore, domestic, 13; export, 11.5; to Boston, domestic, 18; export, 13; to New York, domestic, 16; export, 13; to Philadelphia, domestic, 14; export, 12; to Rochester, 13; to Syracuse, 13; to Utica, 14.5; to Buffalo and Pittsburg, 10c.

On all grain originating at points in Illinois and Indiana and in Iowa, along the west bank of the Mississippi River, thru rates will be published, arrived at by adding to the present specifics to Chicago, for the respective groups, the re-shipping rates applicable from Chicago and stations within the Chicago switching district. No changes will be made in the local or proportional rates up to Chicago.

Exception to the foregoing basis will be made as to oats and barley only from St. Paul, Minneapolis, Minnesota Transfer, Duluth and other Lake Superior ports from which points thru rates will continue on basis to New York city of 22½c per 100 lbs., domestic; and 20½c per 100 lbs., export; the proportions east of Chicago being 15c per 100 lbs., domestic, and 13c per 100 lbs., export, with transit privileges at Chicago district stop-over points.

The effective date of all tariffs of all roads is Feb. 1 except as follows: A. T. & S. F., Feb. 5; C. & A., Feb. 7; C. & E. I., Feb. 12 (about); C. & I. M., Feb. 7; C. G. W., Feb. 2; C. M. & Gary, Feb. 2; Chi. Sou., Feb. 10 (about); Sou. Ind., Feb. 10 (about); Wabash, (Ill. points) Feb. 2; C. C. & L., Feb. 5; Grand Trunk, Feb. 2.

I have read carefully the Journal and find the items pertaining to the court decisions, especially such as relate to the railroad affairs, very interesting and instructive.—Fred L. Cressey, Boston, Mass.



## Changes in Grain Rates.

As shown by tariffs recently filed with the Interstate Commerce Commission the carriers have made the following changes in rates:

Effective Jan. 26 the Chesapeake & Ohio has filed ICC 4796 specifying rules governing charges for grain doors.

ICC No. 9, filed by the Toledo & Indiana, effective Jan. 21, announces rates on grain from stations on that road to Vulcan, O.

Rules governing payment of elevation charges at St. Louis and East St. Louis are announced by the Chicago & Alton in ICC 231, effective Jan. 17.

In ICC 4731 The Chicago Gt. Western announces rates effective Jan. 22 on corn, oats, rye and barley from stations on that line to Texarkana, Ark.—Tex.

Announcement is made by the Lehigh Valley, in ICC B4960, effective in New York Jan. 20, interstate Feb. 6, of rates on grain and grain products between points on that road.

ICC A11308, filed by the Louisville & Nashville, effective Feb. 1, gives rules governing reshipping of wheat at Louisville drawn from points on L. & N. and Frankfort & Cincinnati.

Sup 13 to ICC 3773, effective Jan. 25, filed by the Illinois Central, pertains to changes in rules governing tariffs on grain and grain products from Ohio and Mississippi river crossings to points on I. C.

In Sup 27 to ICC C8068 the C. R. I. & P. announces rates effective Jan. 31 on grain and grain products from stations in Kansas, Nebraska, Colorado and Oklahoma to Texarkana, Ark., and points in Ark.

Rates on grain and grain products are announced by the Mo. Pac. in Sup 5 to ICC A1057, effective Jan. 27, between Missouri river points and points in Colorado, Kansas, Missouri, Nebraska and Oklahoma.

Rules governing milling in transit at Louisville are covered in ICC A11288, effective Feb. 1, filed by the L. & N.; applying to grain drawn from stations in Ill. and Ind. and product shipped to points in the southeast.

In ICC 2700 the Kansas City Southern announces rates effective Jan. 21 on grain and grain products from Kansas City, Mo.—Kan., and points on that line to Coaldale, Bates, Cauthron, Oliver, Bryan, Hon and Waldron, Ark.

Cancel (effective Feb. 1) Sup 1 to ICC A2177, L. S. & M. S., giving rules governing weighing, cleaning, clipping, sacking, grading, mixing or transfer of corn, oats, wheat and barley at South Bend, Ind. Tariffs ICC 44 and 45 give rates.

Effective Feb. 1, cancel rates on corn, oats, barley and rye on Minneapolis, St. Paul & Sault Ste. Marie, filed in ICC 1723, from St. Paul, Minneapolis and Minnesota Transfer (when originating west of the Mississippi river) to Manitowoc, Wis., (when destination is east by way of the lake lines.) ICC 1885 shows rates.

Announcement is made by the S-W Tariff Comm. in Sup 2 to ICC 655, effective Jan. 28, of rates on grain and grain products from points in Arkansas, Colorado, Idaho, Illinois, Kansas, Kentucky, Louisiana, Minnesota, Missouri, Nebraska, New Mexico, North and South Dakota, Tennessee, Wisconsin and Wyoming to points in Texas.

Rates on corn, oats, feed and articles taking same rates are given by the Gt. Northern in Sup 14 to ICC A2367, effective Jan. 25, from Sioux City, Yankton and intermediate points, also stations in Minnesota, North Dakota, South Dakota and Wisconsin.

ICC 147, filed by the Toledo, St. Louis and Western, effective Jan. 20, gives rules governing milling and transit privileges at Alton, East St. Louis, Edwardsville, Granite City and Madison, Ill., St. Louis, Mo., and Venice, Ill.

In Sup 4 to ICC 1349 the Mpls., St. Paul & Sault Ste Marie cancels (effective Jan. 24) rates on corn and oats from Minneapolis, St. Paul, and Minn. Transfer to stations on Arcadia & B. R. and Manistee & N. E.; rates in combination hereafter will apply.

Effective Jan. 21 the C. R. I. & P. has filed Sup 42 to ICC C7692 announcing rates on grain and grain products between St. Louis, E. St. Louis, Alton, Quincy, Hannibal and points taking same rates and points on the Rock Island and Missouri river points when destination is in southeastern territory.

A rate of 6½c, effective Feb. 1, has been announced by the Minneapolis, St. Paul & Sault Ste. Marie in ICC 2620 on corn, rye and wheat (when to be forwarded east by way of the lakes) from Minneapolis, Minnesota Transfer and St. Paul to Gladstone, Mich., including transfer thru eltr. at that station.

Rates of 7¼c on wheat and articles taking same rate and 6¼c on corn and articles taking same rate, effective Jan. 29, are announced by the Mo. Pac. in Sup 2 to ICC A1240, from Kansas City, St. Joseph, Mo., Atchison and Leavenworth, Kan., to Omaha, So. Omaha, Nebraska City and Council Bluffs.

## Commerce Commission Hits "Tap Lines".

The Interstate Commerce Commission, in a recent decision, holds in effect that the payment of a division of the thru rate to a railroad owned by an industry is illegal—regardless of whether the road is incorporated as a common carrier and files its tariffs with the commission—providing it is clearly shown that the primary purpose of the road is to serve an industry and that its service to the public is purely incidental.

This decision is rendered in the case of the Star Grain & Lumber Co., of Wellsville, Kan., against the Santa Fe and other western roads with which it connects, in which the complainant sought to have the roads compelled to restore their practice of paying an allowance of 2 to 6c per 100 lbs., for the haul over its "tap line."

The Commission entered no order in the case, as the roads involved previously had ceased paying the allowances.

"We shall look to the carriers that are paying such allowances immediately to make their arrangements to discontinue the practice," the decision states, "but it seems well to suggest that the carriers and the shippers ought promptly to confer so that the entire situation may be readjusted on a basis that will eliminate the unlawful practice here referred to and will give the shippers transportation on a reasonable basis."

A number of anti-option bills recently have been introduced into Congress and referred to the agricultural committee.

## NON-SIFTING SAMPLE ENVELOPES

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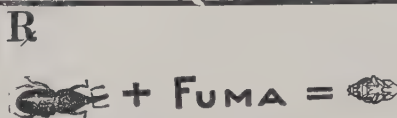
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## Supreme Court Decisions

**Effect of Stoppage in Transit.**—The exercise of the right of stoppage in transitu by the seller vests in each party to the sale the rights he had before the goods were delivered to the carrier.—*Letts-Spencer Grocer Co. v. Missouri Pac. Ry. Co.* Kansas City Court of Appeals. 122 S. W. 10.

**Right to Stop in Transit.**—The refusal of buyer to honor drafts drawn by the seller for the price is not in itself evidence of the insolvency of the buyer essential to justify the exercise of the right of stoppage in transitu.—*F. H. Smith Co. v. Louisville & N. R. Co.* St. Louis Court of Appeals. 122 S. W. 342.

**Expert Evidence of Builder.**—In an action for breach of contracts to pay for an elevator building, tanks, etc., a qualified expert could express an opinion that the building, etc., were constructed in accordance with the contracts.—*J. T. Stark Grain Co. v. Harry Bros. Co.* Court of Civil Appeals of Texas. 122 S. W. 947.

**Notice to Telegraf Co.**—Where a message on its face showed that it related to a commercial business transaction between the sender and addressee, of value to each, the telegraf company had notice of any actual damage that might result from its negligence in failing to transmit it properly.—*Western Union Telegraf Co. v. Askew.* Supreme Court of Arkansas. 122 S. W. 107.

**Carrier's Liability.**—Where a shipper tenders to a common carrier a form of receipt for goods to be carried which contains a limitation of the carrier's liability, and the carrier assents to its terms, the shipper is bound thereby, notwithstanding the receipt may be in a blank form furnished by the carrier.—*Perrin v. United States Express Co.* Court of Errors and Appeals of New Jersey. 74 Atl. 462.

**Delivery to Carrier Not Sale.**—Delivery of goods to a responsible carrier for transportation consigned to the buyer would be a delivery of the goods to the buyer, but, where it does not appear that goods shipped were not consigned to shipper's order, nor that the buyer received the goods from the carrier, an executed contract is not shown.—*American Jobbing Ass'n v. Weson.* Supreme Court of Arkansas. 122 S. W. 664.

**Co-operative Concern a Partnership.**—A voluntary unincorporated association of individuals to conduct a co-operative store, whose proportions of ownership in the assets are represented by certificates similar to issues of corporate stock, is a partnership, notwithstanding a rule or by-law limiting the distribution of profits among the certificate holders to 6 per cent.—*Ashley v. Dowling.* Supreme Judicial Court of Massachusetts. 89 N. E. 434.

**Liability for Connecting Carrier.**—Where the initial carrier only undertook to transport freight to the end of its line, and the connecting carrier did not receive the same under a thru B/L, Rev. St. 1895, art. 331a, defining lines of common carriers, did not apply, and the connecting carrier was not liable for damages occurring on the line of the initial carrier.—*Houston, E. & W. T. Ry. Co. v. Eastern Texas Ry. Co.* Court of Civil Appeals of Texas. 122 S. W. 972.

**Damage in Transit.**—Where freight is delivered to a carrier for thru transportation, the shipper, suing the terminal carrier for damage to the goods, need only show that he delivered the goods to the initial carrier in good order, and that the goods were damaged on their arrival at the point of destination, and the burden is then on the terminal carrier to show that they were not injured while in its possession.—*Blount v. Pennsylvania R. Co.* Supreme Court of New York. 119 N. Y. Supp. 65.

**Application for Cars.**—An application for freight cars under the reciprocal demurrage law (Laws 1905, p. 570, c. 345, § 2) is insufficient to permit recovery of penalty for failure of the carrier to comply therewith, section 3 requiring that it shall state among other things, the time they are desired, and the application mentioning no time, as to treat the absence of such statement to mean "now" would be legislation, and not interpretation.—*Cox v. Missouri, K. & T. Ry. Co.* Supreme Court of Kansas. 105 Pac. 14.

**Breach of Contract.**—In an action by the buyer of hay for failure to deliver same, an allegation that plaintiff has lost "great gains and profits, which might and otherwise would have arisen and accrued to him from the delivery" of the hay, is insufficient to support special damages, in the absence of an allegation showing for what purpose the hay was bought, and in what way the loss of profits was the natural consequence of the breach of the contract.—*Austin & McCargar v. Langlois.* Supreme Court of Vermont. 74 Atl. 489.

**Delivery by Carrier.**—Where the B/L stipulated for notice of the arrival of the goods to a third person, and provided that, if the property was not removed on presentation of the B/L by the third person within 48 hours after notice, the carrier was liable as a warehouseman only, the third person, on receiving notice, must within 48 hours present the B/L if he wished to hold the carrier as such, as after that time the carrier became a warehouseman.—*Lyons v. New York Cent. & H. R. R. Co.* Supreme Court of New York. 119 N. Y. Supp. 703.

**Carrier's Reduced Rates.**—A recital in a shipping contract, limiting the carrier's liability, that it has two rates for shipment, and that the rate named in the contract is a special rate and is less than the rate charged for shipments at carrier's risk, in consequence of which reduced rate the agreement limiting the carrier's liability is made, is prima facie evidence that the rate named is a reduced rate, and the burden of proving the contrary is on the shipper.—*Freeman v. St. Louis & S. F. Co.* Springfield Court of Appeals. Missouri. 122 S. W. 1.

**Void Limitation of Liability.**—A B/L, which in terms is a receipt for the goods to be transported, which contains a statement that: "This contract, and the responsibilities of the parties hereto, is limited and controlled by the conditions printed on the back hereof; as also by the terms and conditions of this company's printed tariffs, which are hereby declared to be an essential part to this contract"—and upon the back of such B/L is the statement that the goods mentioned are received for carriage, subject to the condition that the carrier shall not be liable for any loss or damage by fire, does not show upon its face any consideration for such exemption, and such exemption is void as against the shipper, unless it be shown by other evidence that there was a consideration for such exemption.—*McIntosh v. Oregon R. & Navigation Co.* Supreme Court of Idaho. 105 Pac. 66.

**Anti-Discrimination Statute of So. Dak. Constitutional.**—Laws 1907, p. 196, c. 131, § 1, providing that any firm, corporation, etc., shall be guilty of unfair discrimination which, being engaged in the production, manufacture, or distribution of a commodity in general use, shall intentionally, for the purpose of destroying the competition of any regular, established dealer in such commodity, or to prevent the competition of any person who in good faith intends and attempts to become such dealer shall discriminate between different sections of the state by selling such commodity at a lower rate in one section than in another section, etc., and providing penalties for such acts does not forbid the making of any contract, morally right and just, but only such as would injure the public, and hence is not unconstitutional as interfering with full freedom of contract.—*State v. Central Lumber Co.* Supreme Court of South Dakota. 123 N. W. 504.

**Fire Set by Locomotive.**—Where the evidence showed that the fire on the roof of the building was set by sparks emitted from a locomotive, and that the fire started up again after it was thought to have been put out, and that the wind changed its direction, and carried the fire to other property, which was destroyed, the entire fire must stand as an integral effect of the cause which started the fire on the roof of the building, and neither the change in the wind nor the conduct of the owner was an intervening cause.—*E. T. & H. K. Ide v. Boston & M. R. R.* Supreme Court of Vermont. 74 Atl. 401.

**Resale on Breach of Contract.**—Where a seller sues for breach of contract as an entirety for sale of corn to be delivered in installments, with authority to the seller, on the buyer's breach, to sell the corn for the buyer's account, the buyer having accepted one shipment, refused another, and ordered no more to be shipped, as a defense in whole or in part the buyer could show that the seller had, or could have made, a certain profit by selling the undelivered installments to offset his loss on the portion shipped, and not accepted; the market price at the time specified for delivery thereof being higher than the contract price.—*Brooke v. Laurens Milling Co.* Supreme Court of South Carolina. 66 S. E. 294.

**Negligent Delay in Delivery of Message.**—Where a message, partly in cipher, furnished to a person of ordinary prudence notice that it was important and its prompt delivery essential, or where the telegraf company or its operator receiving it had notice of the importance of the message, special damages are recoverable for the failure to promptly deliver it; but where the message does not convey any information of its importance, and the company or its operator receiving it has no information of its importance, only the price paid for sending the message may be recovered for negligent delay in the delivery of it.—*Postal-Telegraf Cable Co. v. Louisville Cotton Oil Co.* Court of Appeals of Kentucky. 122 S. W. 852.

**Partnership.**—Where the members of a firm had delegated to one partner exclusive authority to buy and sell cotton seed, and a majority of them were dissatisfied with the way the seed was being sold, and executed a bill of sale of a shipment of seed to another company in good faith and within the scope of the partnership business, but on the next day the partner previously possessing the power to sell refused to permit its shipment to that company, but had it shipped to the concern to which he had been selling, the bill of lading being issued on that date, there was a completed sale to the first company, and the other company was not entitled to the seed.—*Cotton Plant Oil Co. v. Buckeye Cotton Oil Co.* Supreme Court of Arkansas. 122 S. W. 658.

**Breach of Building Contract.**—A contract for building storage tanks was made March 25, 1905, and one for the erection of an elevator April 10, 1905. The latter contract provided that the elevator should be completed by June 1, 1905, but no time was specified in the contract for the erection of the tanks. There was no evidence that the tanks were not ready for use within a reasonable time from the date of the contract, nor that, by reasonable expenditure of money, defendants could and would have used the property as an elevator. Held, that charges that, if plaintiff failed to erect the elevator building and tanks within the time specified in the contracts, defendants could recover the reasonable value of the use of such property from the time plaintiff was bound to erect it until it was constructed, and that, in determining the reasonable value of such use, if the jury believed that with a reasonable expenditure of money defendants could and would have used the property as an elevator, its value as an elevator would be the measure of defendants' damages, were inapplicable, and properly refused.—*J. T. Stark Grain Co. v. Harry Bros. Co.* Court of Civil Appeals of Texas. 122 S. W. 947.



## Quality Bot and Quality Delivered Must Be Shown.

The Bassett Grain Co., Indianapolis, Ind., Plaintiff, vs. W. H. Merritt & Co., Chicago, Ill., Defendant.

Before the Arbitration Committee of the Grain Dealers National Ass'n.

On Mar. 14th, 1906, defendant wrote to plaintiff as follows: "We are sending you to-day a sample of some mixed oats, which we have loaded, and which we can quote to you at 30% track Indianapolis or at 32% track Newport News, for export. Subject to Chicago weights and grades, and draft to be paid, when presented. These oats are not inspected, and we are offering them simply by sample. In case you can use any of them, kindly wire us early to-morrow."

On Mar. 16th, defendant wrote to plaintiff as follows: "We have your letter of the 15th (letter not in evidence) and your wire of to-day, bidding 32 for oats like sample, sent you, and we replied that 32% was the best we could do."

We offer you to-night, however, 10 cars, like sample, at 32½, Newport News, for export, subject to being unsold."

On Mar. 17th, defendant wrote to plaintiff as follows: "We confirm our sale to you to-day, of 10 cars of sample mixed oats, at 32 track Newport News, for export. Subject to Costello's approval. (Costello is a private inspector at Chicago.) And subject to Chicago weights. We ordered these oats shipped out to-day, as they were loaded on track. The sample that we sent you was taken from these 10 cars, which were loaded at that time, but in view of the fact that Costello did not have your sample, we have had Costello send you to-day samples of these 10 cars, which you will receive on Monday, and you can compare them yourselves."

On Mar 17th, plaintiff confirmed to defendant as follows: "We entered purchase from you to-day, 10 cars of oats, equal to sample furnished us at 32 cts., track News, for export 20 days shipment, subject to Mr. Costello's approval, and are handing him sample to-day for his guidance. The original sample is going to Mr. Costello to-day. Please do not ship until same is received."

Evidence shows that Inspector Costello received the sample sent to him by plaintiff. It also shows that Inspector Costello declined to pass the 10 cars of oats as being equal to sample. It further shows that the 10 cars of oats, which were loaded at the time sale was made, had gone forward, and that samples from each of these 10 cars had been sent to plaintiff.

Defendant made the customary draft for amount of invoice, with bill of lading attached, which was presented to plaintiff for payment, and was refused by him, on the ground that the oats shipped were not equal to the sample, and that he, the plaintiff, claimed a difference in value of 2 cts. per bushel, on 17,968 bushels, amounting to \$359.36.

Defendant declined to allow this discount, or any other, and plaintiff finally paid the draft, under protest, claiming final settlement according to contract terms.

There is no dispute between the litigants as to the terms of the contract.

The plaintiff furnishes sworn evidence to the effect that the sample, put into Inspector's hands, by him, was the entire original sample furnished by defendant, as representing the oats covered by the transaction.

The defendant states that the sample received by Inspector Costello, from the plaintiff, showed oats of better quality than the one by which sale had been made.

The defendant further shows, by his own evidence, that a part of the original sample, which had been retained in his office, corresponded with the oats shipped, and Inspector Costello also furnishes a certificate to this effect.

The best evidence submitted shows that plaintiff did send the actual sample, on which contract was based, to Inspector Costello, and it is clear from the evidence that the 10 cars did not contain oats of quality equal to sample.

Papers submitted showed either by inference or direct statements, that the oats covered by this contract were not of a high grade.

The plaintiff submits no evidence to show the exact character of the original sample, by which he made the purchase. Neither does he show the character, grade or value of the oats that he actually received on contract.

The evidence shows that plaintiff did not get oats of a quality equal to the sample, on which contract was based. We have no means of knowing whether the differ-

ence in value amounted to a fraction of a cent, or to two cents. The sworn statement of plaintiff to the effect that there was a difference in value of two cents, is not in our opinion, sufficient evidence, on which to base a verdict in his favor, for the amount claimed.

Inasmuch, however, as it has been proven that the plaintiff did not receive oats of quality equal to sample, by which he bought, he is entitled to a verdict in his favor to the amount of a small fraction of a cent, and which we conclude should be one-half cent per bushel, on 17,968 bus., amounting to eighty-nine and 84/100 dollars, and judgment for this amount is hereby rendered in favor of the plaintiff. Costs of arbitration to be paid by defendant.

H. S. GRIMES,  
CHAS. C. MILES,  
E. M. WASMUTH,  
Committee.

Jan. 8, 1910.

## No. 4 Is Considered Milling Wheat.

Caney Mill & Elev. Co., Plaintiffs,

vs.  
B. F. Kelsey, Defendant.

It would appear in the above entitled case that the defendant, B. F. Kelsey, Oxford, Kan., on Feby. 13th, 1909, sold the plaintiffs, Caney Mill & Eltr. Co., Caney, Kan., one car of soft milling wheat at \$1.11 per bu. track Oxford, Kan., on basis of 57 lbs. 1c scale up and down, destination weight and grade to govern in final settlement.

It also appears that the said plaintiff did not use this wheat at its own mill, but consigned it to Kansas City to be sold for its account, and that the said wheat tested 57 lbs., but graded No. 4 and on this account the plaintiff received a dock of 4½c per bu.

The question at issue is whether or not the wheat grading No. 4 should be termed "milling wheat." Your committee finds, however, upon investigation that No. 4 wheat is accepted every day by the mills throughout Kansas, as fit for milling purposes, and we therefore deny the contention of the plaintiff, in part, with respect to the defendant having filled his contract, as his confirmation did not guarantee any certain grade except soft milling wheat, nor does plaintiff's confirmation call for any certain grade except that it should be soft milling wheat. It seems that this part of the contract is covered by Rule No. 4.

From the fact that the plaintiff did not object to the defendants' confirmation it would seem that there was a thoro understanding regardless of whether the wheat graded No. 2 or No. 3 or No. 4, except that it must be soft milling wheat.

Your Committee believes, however, that the plaintiff, The Caney Milling & Eltr. Co., is entitled to some consideration, and desiring to be fair to both parties, has decided to award the said defendant 2½c per bu. dockage, thus reducing the claim 2c per bu., or \$25.60, the car having contained 1,280 bu. It is therefore ordered that the said B. F. Kelsey, defendant, shall pay the said Caney Mill & Eltr. Co., the plaintiff, the balance due it as follows:

Amt. claimed by the Caney Mill & Eltr. Co. as per A/S.....	\$39.92
Less allowance 2c per bu. on 1,280 bu.	25.60
Balance due .....	\$14.32

It is also ordered that the costs in this case be equally divided between the parties hereto, \$2.50 being assessed against each the plaintiff and defendant, the balance of the deposit fees to be returned to said plaintiff and defendant by the Secretary.

I. A. PRIBBLE,  
C. A. SMITH,  
F. B. BONEBRAKE,  
Committee.

The rice industry in Mexico is flourishing and, it appears, the production of the cereal in the republic is sufficient to meet domestic demands. Congressman Broussard of the Seventh Louisiana district, and Henri L. Gueydan, mgr. of the American Rice Ass'n, recently returned from an investigating trip into Mexico, in the interest of American rice growers, satisfied that nothing can be done to secure a market for American grown rice in that country.

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The ELLIS COLD AIR DRIER has passed the experimental stage. A large number of these machines are now running night and day WITH MORE THAN SATISFACTORY RESULTS.

☞ No steam power necessary; electricity or gas engines will operate them successfully.

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"He who has something to sell, And goes to whisper it down a well, Is not so apt to collar the dollar, As he who climbs a tree to hollar."—*Ex.*

The Journal for an advertising medium is all O. K.—W. L. Harris, Inola, Okla.

The North-Sharp-Sailor Co., Machinery Brokers, Chicago, Ills., has been dissolved.

The Mill Owners Mutual Fire Ins. Co., announces its annual meeting will be held in Des Moines, Ia., Jan. 19, at 2 o'clock P. M.

Henry Simon, Ltd., of Manchester, England, as for years past, is favoring his patrons in the trade with a very practical wall calendar pad.

"We are in receipt of your issue of December 25th and compliment you on the neatness of its appearance." J. A. Manger & Co., Baltimore, Md.

The Philip Smith Mfg. Co., Sidney, O., recently made a shipment of a car load of Guy Anchors to The Union Telefonica, Buenos Ayres, Argentina.

Advertising is the commercial heart that forces new blood through the arteries of business. But the heart must ever be kept on the beat.—Mahin.

E. W. Puckett, Ft. Wayne, Ind., who for twenty years has been in the elevator and mill supply business has associated himself with the Trade Mark Title Co., same city.

P. H. Pelkey of the P. H. Pelkey Cons. Co., Wichita, Kan., and A. Barry of the Richardson Scale Co., stopped in Chicago last week on their way home from New York City.

The Sidney Eltr. Mfg. Co., Sidney, O., reports a very successful year and prospects for a greater volume of business this year. The company is having its offices remodeled and enlarged.

Barnett & Record Co., elevator builders, who have built many terminal elevators at the Canadian head of the lakes, have decided to erect a large machine shop and warehouse at Fort William. Otto Stranger is local manager.

N. M. King of J. M. King & Son, No. Vernon, Ind., was a caller at our office recently on his way to Jackson and Pontiac, Mich., to install a clover seed cleaner at each place. He also told us that they had recently shipped two large machines to Darmstadt, Germany.

B. D. Heck of Philip Smith Mfg. Co., Sidney, O., informs us: "We did 50% more business in 1909 than we did in 1908. It was the biggest year in our history. Have just completed taking inventory. We do not know of one dissatisfied customer to whom we have sold, and if there should be any, would thank him for writing us."

"The American public never has been sewed up and cinched by a flash-in-the-pan advertisement, no matter how big and impressive it was. Mr. Advertiser, you can't tell the story of your life in one insertion. The volume of business you do will depend upon how ably, how widely, how consistently and how steadily you advertise—not how many 'flyers' you take in those publications which always have on hand some special lure for

the unsuspecting advertiser."—Robt. Frothingham.

The Power Equipment Co., of Minneapolis, Minn., has assumed control of the Power Appliance Co., of that city and W. H. Day, an engineer of ability has been made manager. This Company is the Northwestern representative of The Foss Gas Engine Co., "The Standard" Scale & Supply Co., the Sonander Automatic Scales and The Webster Mfg. Co., of Chicago.

"Some Stewart Structures" is a cloth bound book 8½" x 11", 200 pages, about one quarter of which is devoted to grain elevator construction. This book illustrated the work performed by James Stewart & Co., during recent years and descriptions of some of the largest elevators in the country. The chapter on the "Progress in Grain Elevator Construction" is especially interesting and traces faithfully the steps and difficulties which led up to our present methods of fire proof construction which seem to meet all necessary requirements. Journal readers who are interested in Modern Terminal Elevator Construction can obtain a copy by addressing James Stewart & Co., Chicago.

The Minneapolis Steel & Machinery Co. held a conference of its District Representatives and Department Managers on December 14th, 15th and 16th. Daily sessions were held at which papers were read by G. M. Gillette, G. W. Pope, A. M. Burch, A. H. Allen, J. L. Record, R. P. Gillette, Jos. Garbett, E. Brozezinski, E. Leverton, J. R. Ware, Geo. L. Gary, E. F. Woodcock, E. A. Merrill, each paper being followed by a general discussion of the subject presented. This is the first yearly meeting of the Minneapolis Steel & Machinery Co. and was attended by all its salesmen from its various agencies and the Company feel that it has resulted in great good in bringing its representatives together with the home office, discussing its business policies and plans for the coming year, and it is the intention hereafter to hold these meetings annually. Included in the entertainment was a theater party and banquet.

### Calcium Magnesium Chloride as an Anti-Freezing Agent.

All troubles emanating from water freezing in gasoline engine tanks, water jackets and water barrels during cold weather may be avoided thru the use of Calcium Magnesium Chloride. Many users of gasoline engines have found this chemical compound excellent for that purpose.

It is very discouraging to go into the elevator on a morning when the temperature is below zero and find that everything has been frozen during the night and one is confronted with the task of thawing things out. This of itself is a great consumer of time and labor which might mean real money if applied to the regular pursuit of business.

The cost of this material is nominal, and when the great benefit of its use is considered cannot stand in the way of its general adoption. It is not necessary that a chemist prepare the compound for the user of it. All that is required is that to every gallon of water there should be added four pounds of the Calcium Magnesium Chloride.

The manufacturers of the material guarantee it to be absolutely neutral and in no wise injurious to the engine.

## Feedstuffs

The semi-annual meeting of the Nat'l Alfalfa Millers Ass'n, it is now believed, will be held in Kansas City, Mo., tho the executive committee has not yet announced the place selected.

The following new members of the arbitration committee of the Nat'l Alfalfa Millers Ass'n have been appointed by Pres. Sapp: H. G. Cherry, chairman, Kansas City, Mo.; M. C. Peters, Omaha; W. R. Anderson, Milwaukee.

The brands of feedingstuffs licensed for 1909 in New York state, as reported in Bulletin No. 316 of the N. Y. Agri. Exp. Sta., numbered 385. This is compared with 282 in 1908 and 154 in 1904. Reports of 368 brands sampled show that 22 fell markedly below the guaranteed composition.

A special meeting of the executive committee of the Nat'l Ass'n of Feed Dealers will be held in Chicago, about the middle of January, for the consideration of various important subjects. Members having any special matters that they would like to submit for attention by the committee are requested to communicate at once with Sec'y Geo. A. Schroeder, Milwaukee.

Stock feed labeled "100 lbs. Gluten Feed, 25 per cent Protein, 3 per cent Fat," shipped by the Michigan Starch Co., Traverse City, Mich., to John A. Becker, Albany, N. Y., fell under the watchful eye of a government inspector and after analysis the following result was obtained: moisture, 9.32 per cent; fat, 2.48 and protein 23.31. The Starch Co. entered a plea of guilty when the case came to trial in the U. S. District Court for the Western District of Michigan and a fine of \$50 was imposed.

The decline in recent years in the sale of oat hulls on the New York market is attributed to the advent of automobiles, electric and gasoline trucks and the electrification of street railways. When horses were used for the propelling power of street cars the demand for oat hulls, formerly used to a large extent in mixed feed, was very heavy but since the introduction of the trolley and motor drawn vehicles a marked decrease in the demand has been noted. Present quotations in New York are \$16.50 bulk and \$18.60 in 100-lb. sacks.

The executive and uniform law committees of the American Feed Manufacturers Ass'n held a joint session in Milwaukee Dec. 16. Questions of general importance to the Ass'n were discussed. The suggestion to Pres. J. H. Genung for the appointment of two additional members for the uniform law committee was adopted. New members of the Ass'n are Prof. F. D. Fuller, recently head of the cattle food and grain investigation laboratory, bureau of chemistry, U. S. dep't of agri., and now gen. mgr. of the Pennsylvania Primo Feed Co., Harrisburg, Pa., and S. T. Edwards, of Edwards & Loomis Co., Chicago.

A short time ago we received notice from the Agricultural Department in Ohio that they found two sacks of our Alfalfa Poultry Mash on sale in their state and unless we would at once pay \$25.00 license, we would be subjected to the full penalty of the law and they would also refuse to let our products enter their state. Now, as we had



never sold any of the Alfalfa Poultry Mash in Ohio, we were at a loss to know what to do, but after investigating we found that the feed dealer in Ohio who had these two sacks on sale, had purchased them in Pittsburg, Pa., from one of our customers and it was shipped from Pittsburg to Ohio. This certainly seems ridiculous and we had quite a time with them before they let us escape from paying \$25.00, because somebody else sold two sacks of our feed in their state.—Otto Weiss.

Oat hulls is a term wrongfully used by some experiment station officials to include the by-products of oatmeal mills. The hull alone may not contain much protein or carbohydrate, but the oat hulls, oat middlings and oat shorts also are found in the feed put out from oatmeal mills, and these have nearly twice the feed value of oat hulls when the oat hulls are scientifically separated. It may be true that a few of the smaller oatmeal mills making a poor grade of meal put well cleaned hulls on the market; but more than 90 per cent of the hulls mixed into feed go in with the by-products of the oatmeal mills.

Feed control officials, both state and federal, will hold a meeting at Washington, D. C., beginning Jan. 26. An extensive program has been prepared which will include temporary organization; report of the committee appointed at Washington conference to arrange for permanent organization; appointment of the credentials, permanent organization and constitution and bylaws committees; addresses by the sec'y of agriculture, Dr. H. P. Armsby, and by Dr. W. B. Kilgore; report of committee on credentials; dis-

cussion, "A Uniform Commercial Feeding Stuffs Law," by representatives of state officials; representative of Millers Nat'l Federation; representative South-eastern Millers Ass'n; representative Nat'l Feed Dealers Ass'n; representative American Feed Dealers Ass'n; representative cotton seed product manufacturers; report of committee on permanent organization; report of committee on constitution and bylaws; miscellaneous business.

A consignment of stock feed, in 100-lb sacks, awaiting shipment to Genesee, Pa., was found, in Feb., 1909, by an inspector of the Dept. of Agriculture, at Buffalo, N. Y., each sack bearing a tag label reading as follows: "100 lbs. Globe Flour Middlings, Protein 11 to 13 per cent, Fat 3 to 4 per cent, Crude Fiber 13-15, Globe Elevator Co., Buffalo, N. Y." A sample was found to contain approximately 10 per cent of ground corncobs. The product was, therefore, held to be adulterated in that ground corncobs had been substituted in part for Globe middlings, and misbranded in that the sacks containing the same were labeled so as to indicate that the contents were made entirely from wheat, whereas they also contained about 10 per cent of ground corncobs. This consignment was later found in the possession of E. P. Daily at Genesee, Pa., and the facts were reported to the United States attorney for the middle district of Pennsylvania, and libel for seizure and condemnation was duly filed, with the result that the feed was confiscated. The defendant was ordered to give bond of \$1,000 that the feed would not be disposed of contrary to the food law, and pay the costs of the case.

## Corn or Oats—Which is Best Feed?

The relative value of oats and corn as feed for horses has long been an interesting topic for discussion and in view of this the experiments conducted at the Ohio Experimental Station in 1907 by B. E. Carmichael deserve consideration. The experiments, begun in the spring, were quite extensive, and dealt with the value and efficiency of oats and corn as a grain ration for work horses.

Three teams of grade Percheron geldings were chosen for the experiments. These were horses that were used for general farm and team work on the Station farm, the horses in each team being about the same age. Oats was fed to one and corn to the other, as much ear corn being given by weight as oats. In addition the horses received as much mixed clover and timothy hay as they would eat. The experiment was continued during 48 weeks. Notwithstanding theories to the contrary, the variations in weight of the corn fed horses were practically the same as those of the horses receiving oats and, so far as could be observed, there was no difference in the powers of endurance or spirit between the mates of each team.

As to the comparative cost of the feeds it is stated in a bulletin of the Department of Agriculture that "under the market conditions that prevailed during the experiment the saving from the use of corn was very marked—approximately 10 cents a day for each horse for the entire forty-eight weeks. Market conditions should always be borne in mind, as there may be times during which oats would be cheaper than corn, and they should of course be used whenever cheaper."

## ASK US FOR FREE SAMPLES

To reach every elevator operator by personal calls is an expensive, slow method of introducing any product.

Hence, as we believe you are competent to judge the merits of a grain feed, and because our products have stood many practical tests, we want every feed dealer to send for a sample of our product and see for themselves. Just ask for

## SCHUMACHER'S FEED—For Horses, Cattle and Hogs

Agricultural Experiment Stations have demonstrated by actual tests that a finely ground feed has from 15 to 25 per cent greater digestibility than whole grain.

This feed is easily sold because it is a handsome, smooth, heavy, splendid looking feed, equal to the best oats obtainable—kiln dried and absolutely safe for feeding purposes.

With this feed in stock you can buy the farmer's grain and in turn sell him our Schumacher's Feed for less money and he will get more satisfactory feeding results.

We also make and sell Mixed Grains for Poultry Feeding.

Send for free samples and ask for prices.

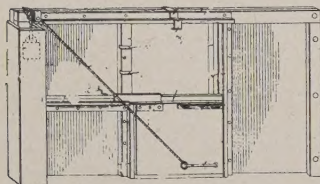
**The Quaker Oats Company** FEED DEPT. **Chicago, Ill.**



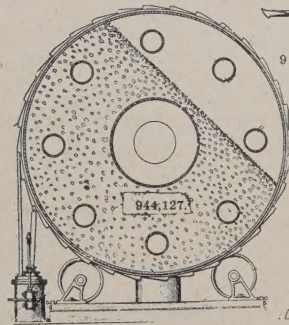
## Patents Granted

**Grain Door.** No. 943,992. (See cut.) George G. Newman and Wesley Rowe, Bismarck, N. D. The door is provided with vertical and horizontal guides whereby the door is raised upward and to one side during the loading or unloading process.

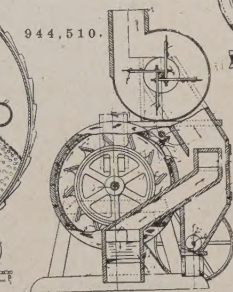
**Malting Apparatus.** No. 944,127. John F. Dornfeld, Chicago. The apparatus combines, with a malting receptacle, means for imparting a progressive movement to the receptacle and to permit a slight return movement, one of the movements be-



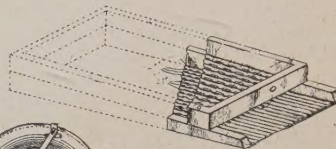
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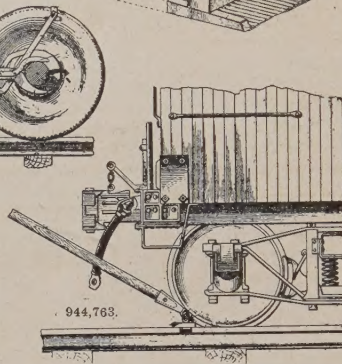
944,510.



943,654.



943,869



944,763.

ing relatively slow at the beginning and speedier toward the end.

**Grain Scouring Machine.** No. 944,510. Matyas Schiebendrein, St. Louis. The machine is provided with a suitable cylindrical casing having an inlet and an outlet, having a portion of its peripheral wall removed, a reticulated plate or sieve mounted in the opening, and a rotating member confined within the casing and beaters for scouring the grain. Means are provided whereby the grain is advanced at any predetermined rate of speed toward the outlet.

**Car Mover.** No. 943,654. (See cut.) Wm. H. Colyar, San Francisco, assignor to Parr-Colyar Warehouse Supply Co., San Francisco. The device combines with an operating lever provided at its inner end with a jaw for engaging the axle of a car to be moved, an arm extending at an inclination to the lever and means for immovably securing the arm to the lever, a pawl having a swinging support on said arm and a lip to engage over the flange of the wheel of the car.

**Corn Grader.** No. 943,869. (See cut.) James E. Gaston, Cochran, Pa. The grader comprises two rectangular screens converging toward one end, the upper having perforations elongated in the direction of convergence and the lower having perforations of the same width but shorter, and a frame surrounding the lower screen and having an opening where it stands nearest the upper screen and surrounding the upper screen on all sides and forming a hopper-like receptacle above it.

**Car Mover.** No. 944,763. (See cut.) Fred C. Bailey, Rib Lake, Wis., assignor of one-half to Elliot C. Getchel, Rib Lake. The shoe of the mover rests upon the rail and projects upon each side of it, the shoe being provided with a vertical opening on each edge, a clamping member pivoted in each opening and having its lower end curved to fit the edge of the tread of the rail, the upper ends of the clamps being

slotted and a lever provided with headed pivot pins, and having a pointed end for engaging under the wheel.

### Alcohol in Internal-Combustion Engines.

The United States Geological Survey has issued a bulletin on "Commercial Deductions from Comparisons of Gasoline and Alcohol Tests on Internal-Combustion Engines," by Robert M. Strong. The tests dealt primarily with gasoline and this was compared with denatured alcohol. When the series of tests was started, it was found that it took from one and one-half to two times as much alcohol as gasoline to produce a given power. With special alcohol engines, entirely suited to the use of alcohol, the latter

contains about ten per cent of water, to mixtures containing about as much water as denatured alcohol, can be used in gasoline and alcohol engines if they are properly equipped and adjusted.

Very few alcohol engines are being used in the United States at the present time, and but little has been done toward making them as adaptable as gasoline engines to the requirements of the various classes of service.

## Books Received

**REPORT OF KANSAS STATE BOARD OF AGRI.**—This report for the quarter ending December, 1909, contains tables of statistics showing the acres, yields and values of agricultural products in Kansas for the year just closed, together with other tables showing the yields and values of numerous productions for 20 years past. Report No. 112, vol. 28, Kansas State Bd. of Agri., F. D. Coburn, sec'y, Topeka, Kan.

**BOOKER'S RAILROAD CLAIM BOOK**—is considered by shippers of grain as the best form in existence. It is in such condensed form, giving all details of each shipment, with certified copy of invoice in body, that claim agents can promptly adjust same even tho all attached papers should become detached or lost. Claim agents are enthusiastic in their praise of it, and recommend it to all shippers. By W. J. Booker, Memphis, Tenn.

**CORN WEEVILS AND OTHER GRAIN INSECTS.**—This bulletin gives a detailed account of the investigations pursued at West Raleigh, N. C., at the state agri. exp. sta., covering the depredations of grain insects. R. I. Smith, entomologist at the station, is the author of the bulletin. Numerous engravings showing the rice weevil, the dark meal worm, the cadelle, the saw-tooth grain beetle, the angoumois grain moth and other destructive insects add value to the work. The parasites and predaceous enemies of the various insects are named and measures of control and prevention are given. Bulletin 203, North Carolina Agri. Exp. Sta., West Raleigh, N. C.

### Calendars Received.

As usual the Sneath, Cunningham Co. of Tiffin, O., is sending out the handsomest calendar of the season.

The Union Grain Co., of Vinita, Okla., is distributing a fine calendar of the new year showing the famous picture, "Going to the Round Up," by J. H. Smith.

The portrait of a charming young American woman, done in splendid colors, is the chief feature of the calendar for 1910 issued by F. M. McClelland & Co., St. Louis.

The Cochrane Grain Co., of St. Louis, has issued a finely colored calendar for 1910 depicting a robust rooster in full flight—apparently after an enemy, not from one.

"New Year's Eve," a reproduction of the painting by Edwin Lamasure, is the attractive center illustration of the 1910 calendar of the Minneapolis Seed Co.

The S. Howes Co. is sending out to its patrons and friends a dainty card of greetings of the season and enclosing therewith a set of 1910 date cards for the "Eureka" desk calendar.

The calendar for 1910 that is being distributed to the trade by Caswell E. Rose, of Nashville, Tenn., bears a picture in relief depicting a classical female figure carrying a sheaf of wheat over a broad field of the ripened grain. The design is hand colored.

A calendar for January, 1910, has just been issued by the Gale Bros. Co., of Cincinnati. The card is illuminated in colors with a picture showing a robust young American, assisted by a diminutive feminine companion, engaged in the task of erecting a snow fort.

An excellent reproduction in colors of the celebrated painting "The Call," representing a moose in his native haunts, the wild and romantic Northwest, is the chief feature of the 1910 calendar sent out to the trade by the Union Iron Works, manufacturers of "Western" Shellers and Cleaners.

There is nothing small about the calendar for 1910 that is being sent out to the trade by the Lake of the Woods Milling Co., Keewatin, Ont. It measures 22x37 and is adorned with the life-like representation of an Indian brave smoking his pipe and two finely colored views showing Keewatin and the plant of the Lake of the Woods Co. and Portage La Prairie with the mills of the company at that point.

fuel has been made to do as much work, gallon for gallon, as the gasoline.

On this point the bulletin states: "By using alcohol in an alcohol engine with a high degree of compression (about 180 pounds per square inch above atmospheric pressure—much higher than can be used for gasoline on account of pre-ignition from the high temperatures produced by compression) the fuel consumption rate in gallons per horsepower per hour can be reduced practically to the same as the rate of consumption of gasoline for a gasoline engine of the same size and speed. The indications are that this possible 1 to 1 fuel consumption ratio by volume, for gasoline and alcohol engines, will hold true for any size or speed, if the cylinder dimensions and revolutions per minute of the two engines are the same."

A pound of gasoline requires approximately twice the weight of air for complete combustion as a pound of alcohol.

A gasoline engine having a compression pressure of 70 pounds but otherwise as well suited to the economical use of denatured alcohol as gasoline, will, when using alcohol, have an available horsepower about ten per cent greater than when using gasoline.

When the fuels for which they are designed are used to an equal advantage, the maximum available horsepower of an alcohol engine having a compression pressure of 180 pounds is about 30 per cent greater than that of a gasoline engine having a compression pressure of 70 pounds, but of the same size in respect to cylinder diameter, stroke and speed.

Alcohol diluted with water in any proportion, from denatured alcohol, which



# Fire Insurance Companies

ORGANIZED 1883

## The Western Millers' Mutual Fire Insurance Company

### KANSAS CITY, MO.

CHAS. H. RIDGWAY, Secretary.

SAFE INDEMNITY

Flour Mills, Elevators, Warehouses, and contents.

## MILL OWNERS MUTUAL FIRE INSURANCE COMPANY

DES MOINES, IOWA

The Oldest Millers Mutual Fire Insurance Company in America.

Cash Assets over \$300,000

J. T. SHARP, Secretary

ORGANIZED 1878

## The Millers' Mutual Fire Insurance Association of Illinois

ALTON, ILLINOIS

Insures Elevators, Mills, Grain Warehouses and Contents of same at cost

Insurance in force, . . \$13,920,249.80

Cash Surplus, . . . . 329,927.51

GEORGE POSTEL, Prest.  
A. R. McKINNEY, Sec'y,Address all Correspondence to the Co.,  
at Alton, Ill.

### THE OLD RELIABLE



ORGANIZED 1861

LANSING, MICH.

INSURES ELEVATORS AND GRAIN

PERMANENT OR SHORT TERM POLICIES

## YOUR BUSINESS

can be introduced to the progressive grain dealers of the country under most favorable circumstances (and you will be in good company) by the judicious use of space in the

GRAIN DEALERS JOURNAL



## There Has Been a Leak

in your profit while paying a high price for insurance that could have been had with the same security and better safety to property by insuring in the



INDIANAPOLIS, IND.

\$140,000 a year is being saved to its members through the selection of the business written and the co-operation of its policyholders in reducing the losses. If you wish to join, address

C. A. McCotter, Secretary

ORGANIZED SEPTEMBER 1897

## GRAIN SHIPPERS' MUTUAL FIRE INSURANCE ASSOCIATION

### IDA GROVE, IOWA

Insurance in force . . . \$7,355,000.00  
Losses paid to date . . . 448,000.00  
Saved to Policyholders over . . 250,000.00

No Premium Notes.

We write Fire, Lightning and Tornado Insurance for long or short term.  
MEMBERS' LIABILITY LIMITED. F. D. BABCOCK, Sec.

ORGANIZED 1902

## Tri-State Mutual Grain Dealers Fire Insurance Co., Inc.

E. A. BROWN, Pres., V. E. BUTLER, V. Pres., B. P. ST. JOHN, Treas.

Insure Elevators, Warehouses and Grain.  
Our plan will interest you.

Address, E. H. MORELAND, Secretary, Luverne, Minn.

## MILLERS' NATIONAL INSURANCE COMPANY

### 205 La Salle St., CHICAGO, ILL.

Chartered 1865

Insurance with a maximum of security at a minimum of cost for ELEVATORS, WAREHOUSES and CONTENTS on the Mutual Plan.  
Five Year Policies (or short term policies on grain, if required.)  
Semi-Annual Assessments costing about one-half Stock Company rates.  
NO conflagration hazard.

Gross Assets, \$5,288,714.00 Net Cash Surplus, \$930,166.99

## BOOKS for GRAIN DEALERS

ACCOUNT BOOKS, SCALE TICKETS, GRAIN TABLES, SHIPPING BOOKS, CIPHER CODES, GAS ENGINE BOOKS, ETC. Tell your wants to

GRAIN DEALERS JOURNAL, CHICAGO, ILL.



**Have You  
Seed For Sale?**

**Do You Wish  
To Sell Seed?**

See our "Seeds For Sale" and  
"Seeds Wanted" Columns  
This Number.

**WEBSTER**  
**Machinery**  
For Grain Elevators  
and Flour Mills has long  
experience and wide  
reputation behind  
it.



Spiral  
Conveyors, "Acme"  
Elevator Buckets, Chain  
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Clutches, Shafting, Pulleys, Gearing.

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**WELLER**

**THE "SATISFACTION-GIVING" LINE  
of Elevating, Conveying and Power  
Transmitting Machinery. Unusually  
successful in Elevators and Flour Mills**

Profits are based on factory costs. The lower the cost of production the greater the profits and greater the means of meeting competition. Handling materials in flour mills and grain elevators is alone a big item. The difference between the expensive method of hand labor and the economical "Weller Way" may represent the difference between profit and loss. Send for our 512 page catalog—free on request.



**WE MAKE CAST IRON  
LININGS FOR BIFURCATED  
CAR-LOADING SPOUTS  
For Square Outlets**

Try them. They save time,  
worry and money.

**WELLER MFG.  
CO.  
CHICAGO**



**A  
Reason  
Why**

It's no disgrace to "come from Missouri," but it's a reflection on you to be so prejudiced that you always "have to be shown." Common sense teaches to profit by the experience of others.

**A Day Dust Collector Reason**

It saves power in operating your cleaning machine.

One of our customers who has three collectors installed in Indiana, writes under date of June 22, 1909: "Our head miller says he wouldn't have them taken out for \$1,000 and go back to the old cloth machines again."

For other reasons write to

**THE DAY COMPANY**  
1118-26 Yale Place Minneapolis, Minn.